

SBT-SSPV/SBT-SSPVA

User's Manual

Table of Content

1. Before installation

1.1 Product Specification	2
1.2 Hardware Equipment	2
1.3 SBT-SSPV/SSPVA Connecting	2

2. Notice Before Installation 3

2.1 Hardware Portion	3
2.2 Software Portion	3

3. Installation

3.1 Install SBT-SSPV/SSPVA Card (For Main Site Use)	4
3.2 Install SBT-SSPV/SSPVA device driver(For Main Site Use)	4
3.3 Install SBT-SSPV/SSPVA application software	
3.3.1 Install Surveillance Software –Securityeyes_Main	7
3.3.2 Install Surveillance Software –Securityeyes_Remote	8
3.3.3 Install Surveillance Software –Securityeyes_Multicast	10
3.3.4 Install Surveillance Software –Securityeyes_Center	11

4. Surveillance Software

4.1 Note before using Surveillance Application_SecurityEyes	12
4.2 How to use surveillance software : SecurityEyes_Main	12
4.3 How to use surveillance software : SecurityEyes_Remote	31
4.4 How to use surveillance software : SecurityEyes_Multicast	35
4.5 How to use surveillance software : SecurityEyes_Center	39

Appendix	43
Appendix 1	45
Net Connection Settings	50

Version:1.1
Date:2004/11/18

1. Before Installation

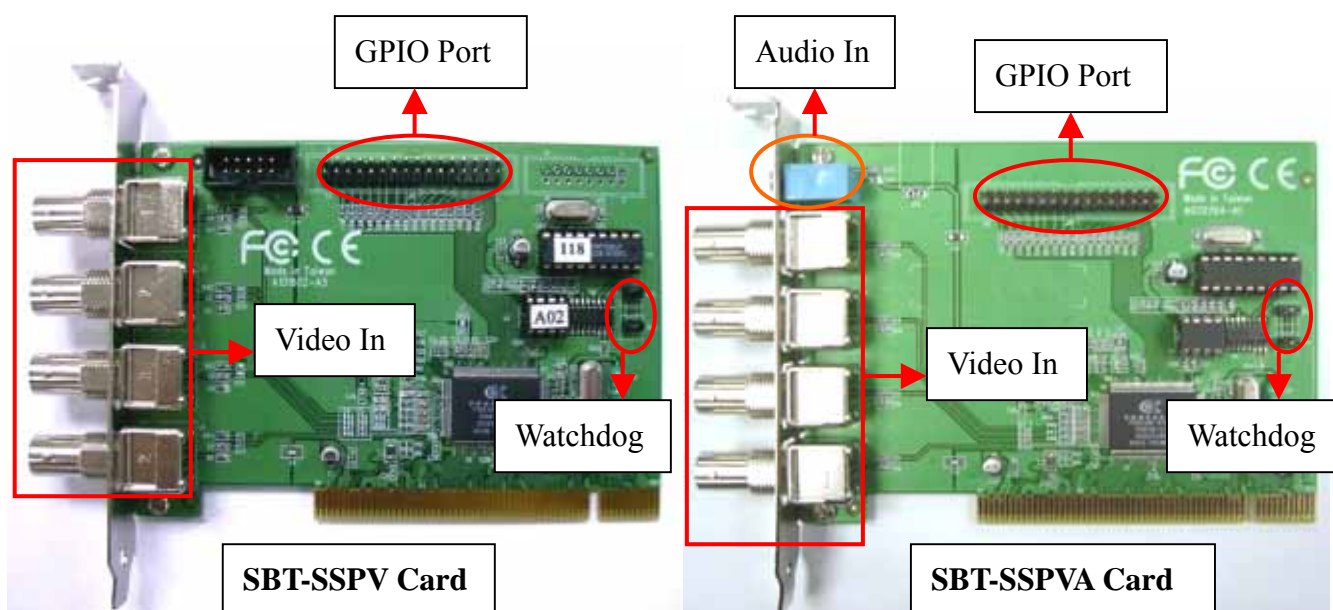
1.1 Product Specifications

	SBT-SSPV/SSPVA
Interface Bus Video-In Audio-In	PCI v2.1 Compliance BNC input Support Watch Dog Support GPIO 3.5mm Phone Jack(SSPVA only)
Video Format	NTSC/PAL/SECAM
Software with product	1.Window 2K/XP(WDM) driver 2.Application
System Requirement	Intel Pentium III 866Mhz or higher Minimum 128MB DRAM 2X CD Rom Drive MS Windows 2K/XP PCI / AGP VGA Card and Monitor Network Card

1.2 Hardware Equipment:

1. SBT-SSPV or SBT-SSPVA Video Capture Card
2. CD Driver
3. User Manual
4. Reboot Cable

1.3 SBT-SSPV/SSPVA Connecting



2. Notice Before Installation

2.1 Hardware Portion :

As SBT-SSPV/SSPVA is a PCI video capture card , Please make sure there are available PCI slots for SBT-SSPV/SSPVA insertion.

2.2 Software Portion :

Sorry, for user of Windows 98SE/Me/NT, SBT-SSPV/SSPVA does not support. SBT-SSPV/SSPVA only supports Windows™ 2K/XP application.

3. Installation

Please follow the below steps to install device driver and software.

3.1 Install SBT-SSPV/SSPVA Card (For Main Site Use)

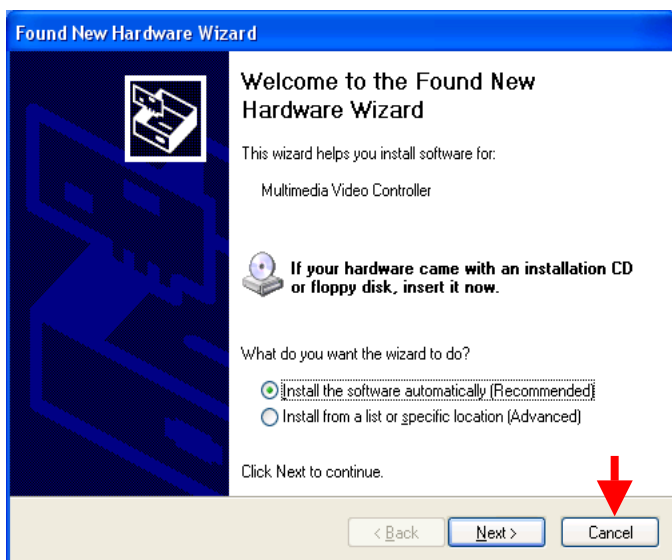
- Turn-off your computer.
- Open the case.
- Plug the SBT-SSPV/SSPVA card on the empty PCI slot, and screw the card on tightly.
- Close the case and Turn-on your computer.

3.2 Install SBT-SSPV device driver (For Main Site Use)

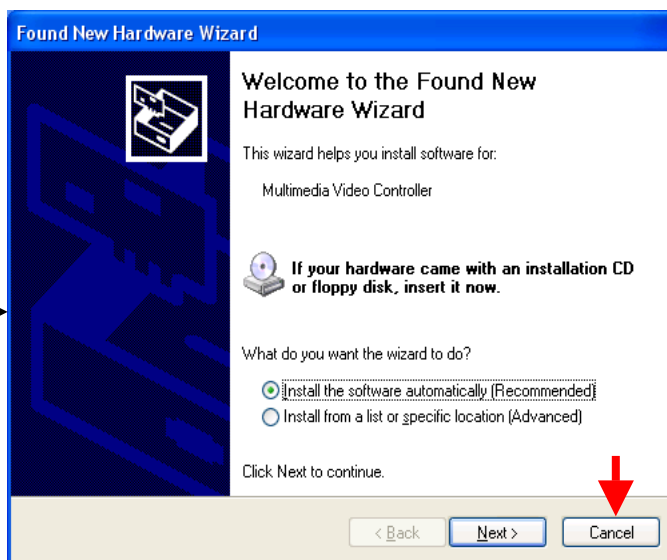
When you turn on PC, the system will detect the new hardware and will be installed automatically.
At the meantime, please insert the SBT-SSPV/SSPVA Installation-CD into your CD-Rom device, and follow the below steps with wizard guide, until the installation is finished.

Step 1: Install BT878 WDM Driver

1-1 Please press “Cancel”.



1-2 Also please press “Cancel” and then put the Install CD into CD-ROM.



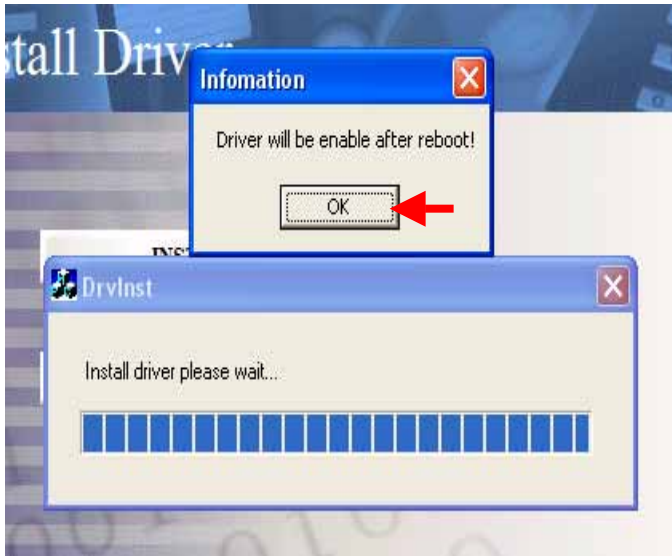
1-3 Please click “INSTALL DRIVER” to continue.



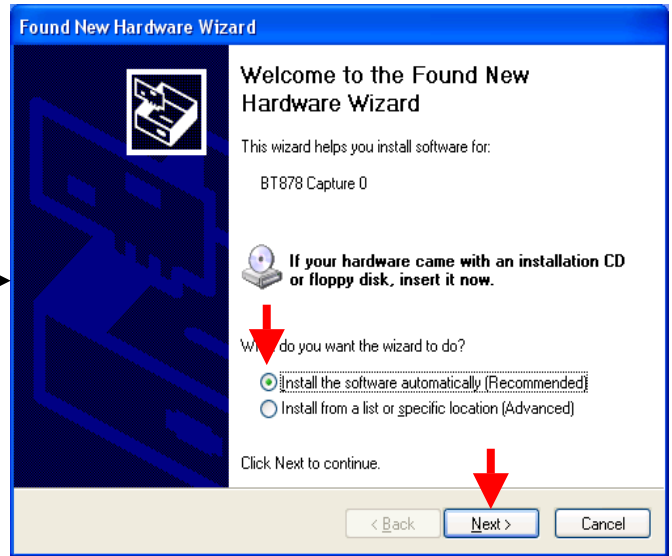
1-4 Please click “INSTALL DRIVER” on this menu.



1-5 Please press “OK” to finish and then reboot PC.



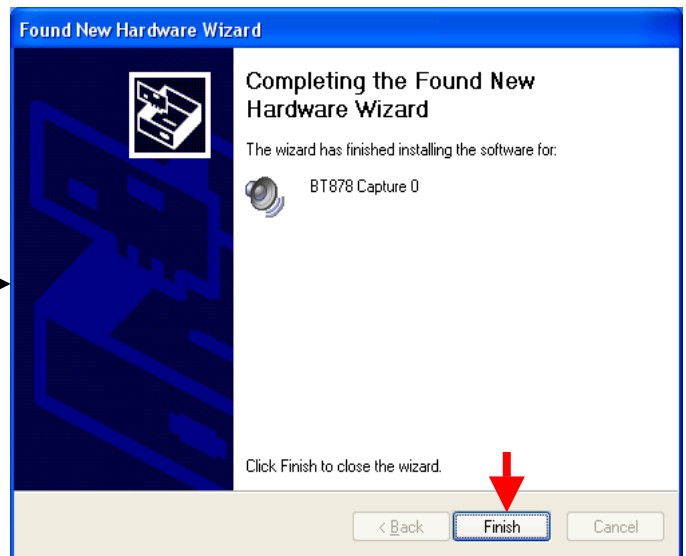
1-6 After PC restart, the operating system will detect out the drivers already been installed into system well. Please select “Install the software automatically” and click “Next”.



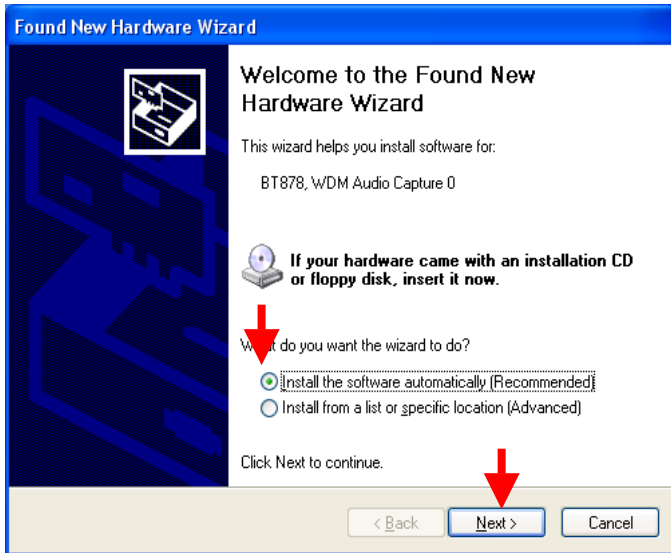
1-7 Please press “Continue Anyway” to continue the installation.



1-8 Please press “Finish”.



1-9 Please select “Install the software automatically” and then click “Next”.



1-10 Please press “Continue Anyway” to continue the installation.

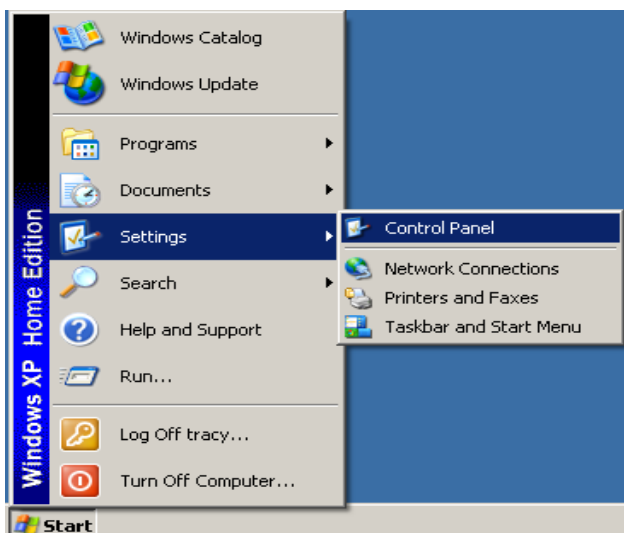


1-11 Please press “Finish” to finish the drivers’ installation.

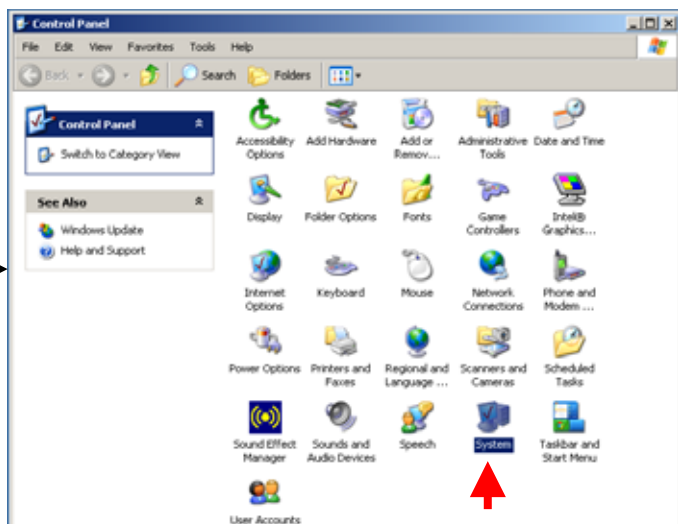


1-12 Please follow below steps to check the drivers were installed in system or not.

“Start” → “Settings” → “Control Panel”.

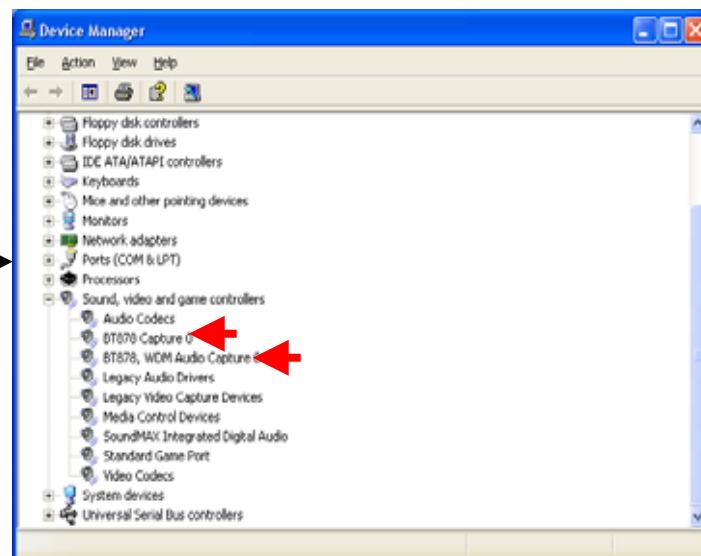
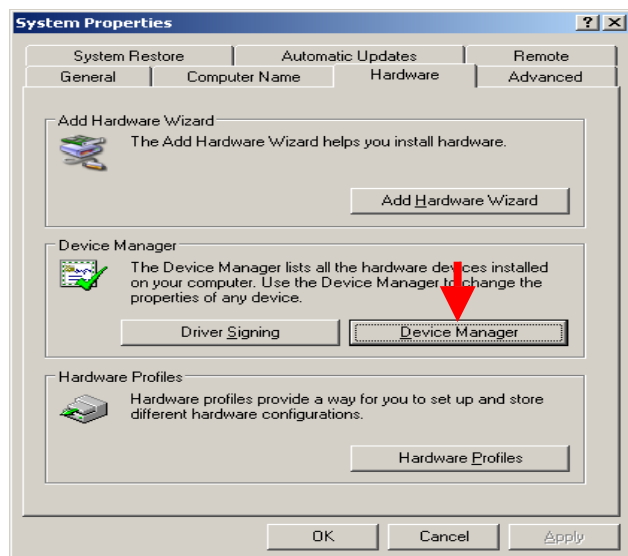


Then select “System” icon.



Click “**Hardware**” → pick “**Device Manager**”

Double click “**Sound, video and game controllers**” icon, then you will see following diagram shows installed successfully in device manager. Please confirm “BT878 Capture” & “BT878, WDM Audio Capture” two devices already been installed in driver list.



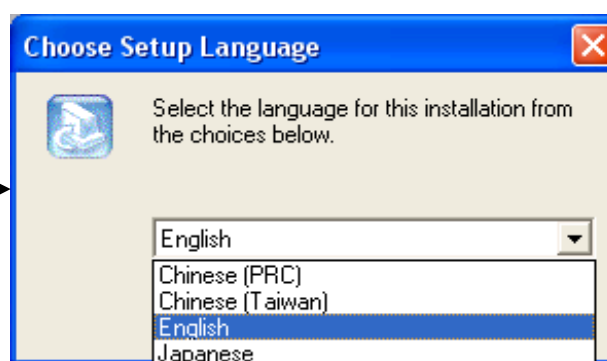
3.3 Install SBT-SSPV/SSPVA Application Software

This chapter goes through the installation and setup process of security system software for Main, Remote, Multicast and Center applications.

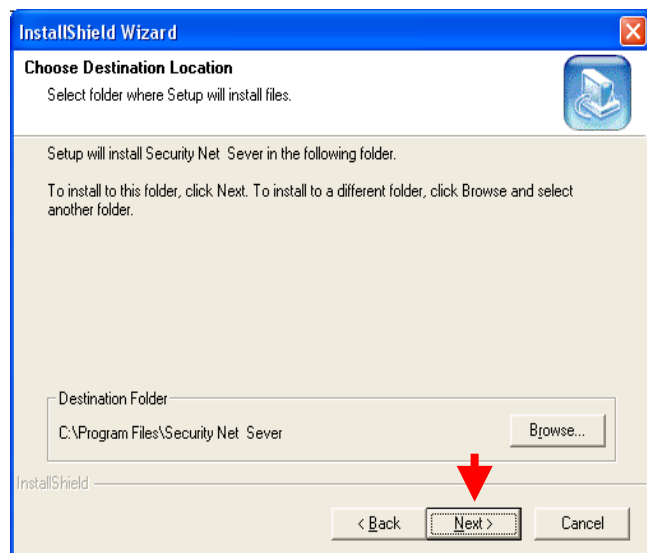
3.3.1 Install Surveillance Software –Securityeyes_Main

Step 1: Please insert Installing CD into your CD-ROM Device, then the Security Eyes installer should come up automatically. Please see below diagram:

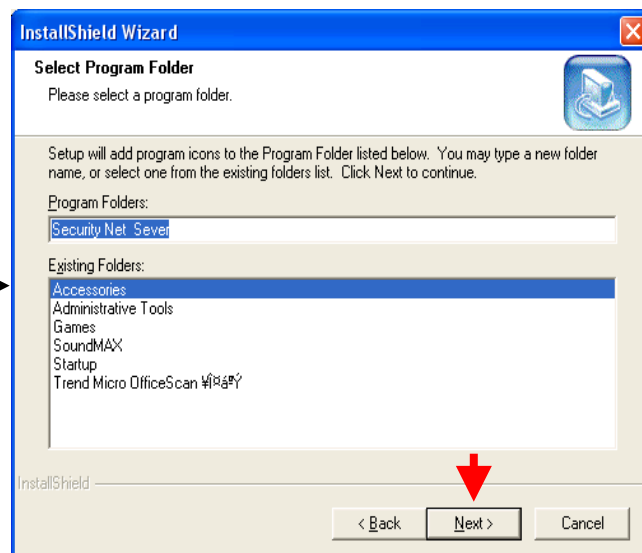
Step 2: Please click “INSTALL SECURITY_MAIN”. **Step 3:** Please select the language which you want to use and then click “OK” to continue. Now we supported four languages as below picture.



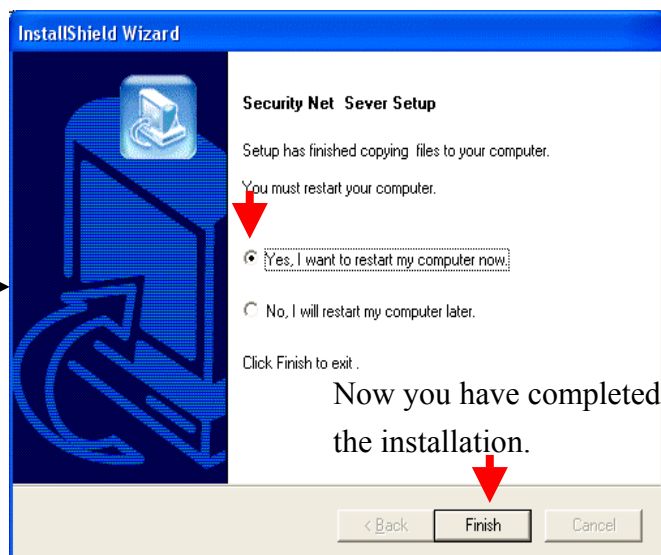
Step 4: Click “Browse” button to change the destination or just click “Next” to continue.



Step 5: Select the Program Folder or just click “Next” to continue.



Step 6: Please click “Continue Anyway” to continue. **Step 7:** Please select “Yes, I want to restart my computer now” and click “Finish”.



3.3.2 Install Surveillance Software –Securityeyes_Remote

Step 1: Insert the Installing CD into your CD-ROM, and then the Security Eyes installer should come up automatically. Please see below diagram:

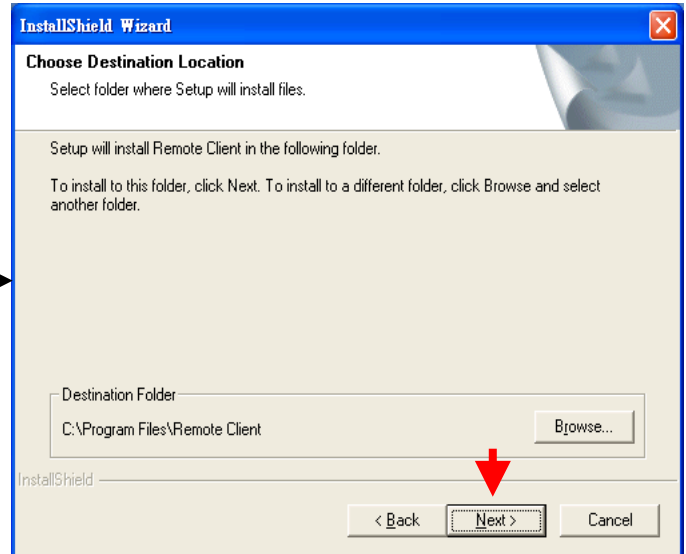
Step 2: Please click

“INSTALL SECURITY_REMOTE”.

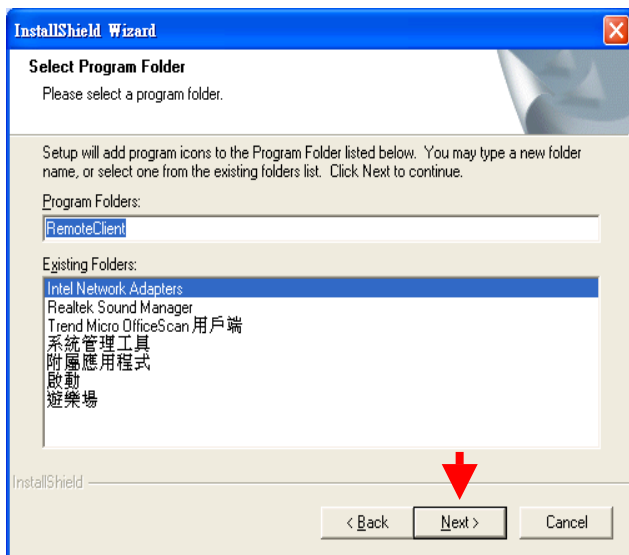


Step 3: Click “Browse” button to change the

destination or just click “Next” to continue.



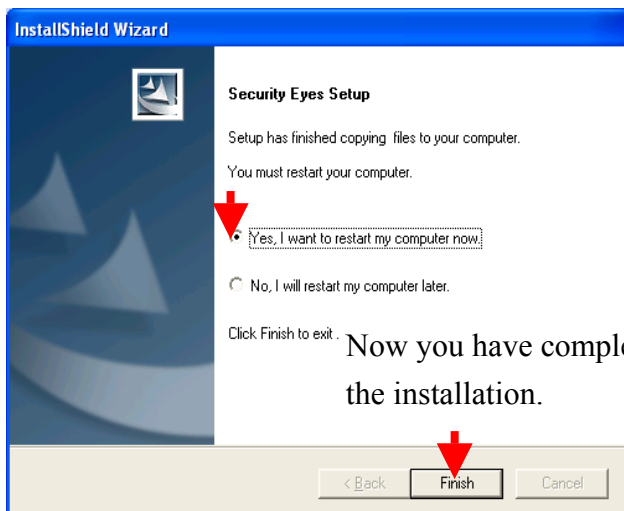
Step 4: Select the Program Folder or just click “Next” to continue.



Step 5: Please click “Continue Anyway” to continue.



Step 6: Please select “Yes, I want to restart my computer now” and click “Finish”.



Now you have completed the installation.

3.3.3 Install Surveillance Software –Securityeyes_Multicast

Step 1: Insert the Installing CD into your CD-ROM, and then the Security Eyes installer should come up automatically. Please see below diagram:

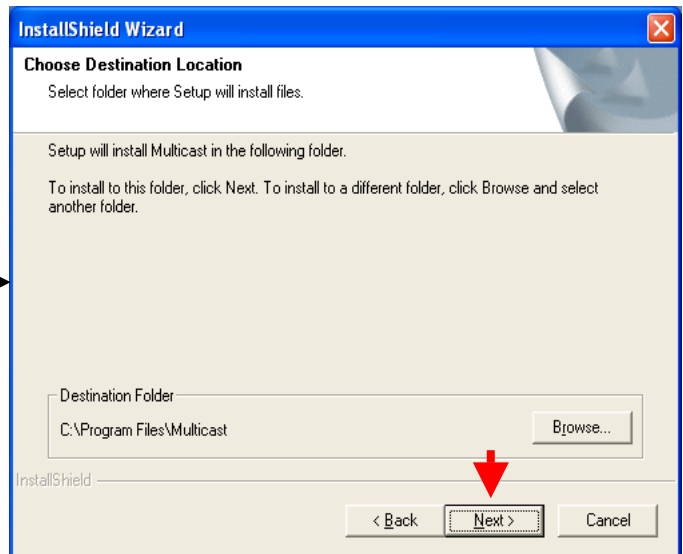
Step 2: Please click

“INSTALL SECURITY_MULTICAST”.

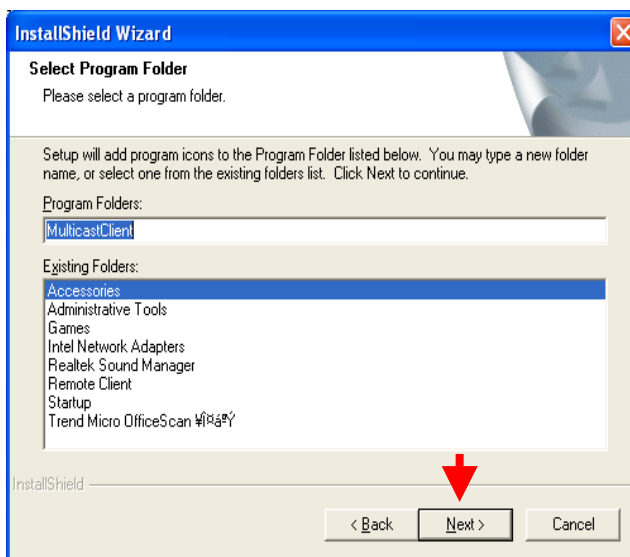


Step 3: Click “Browse” button to change the

destination or just click “Next” to continue.



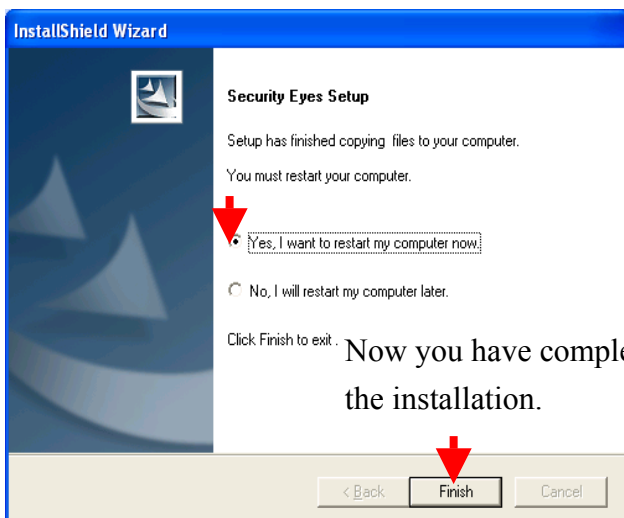
Step 4: Select the Program Folder or just click “Next” to continue.



Step 5: Please click “Continue Anyway” to continue.



Step 6: Please select “Yes, I want to restart my computer now” and click “Finish”.



Now you have completed the installation.

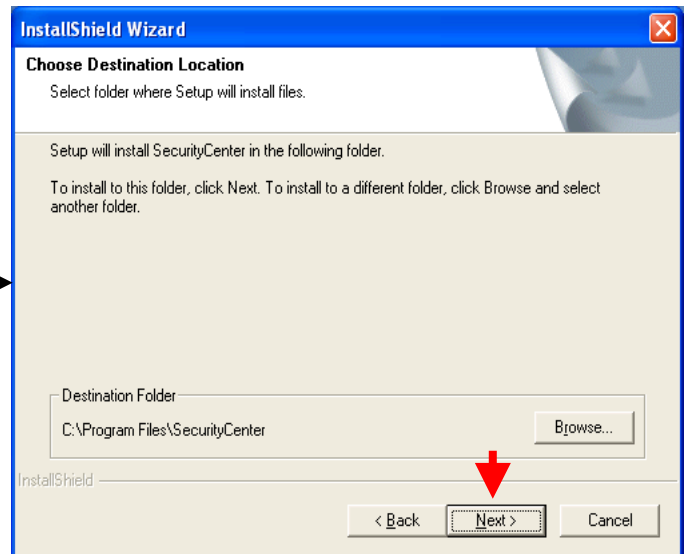
3.3.4 Install Surveillance Software –Securityeyes_Center

Step 1: Insert the Installing CD into your CD-ROM, and then the Security Eyes installer should come up automatically. Please see below diagram:

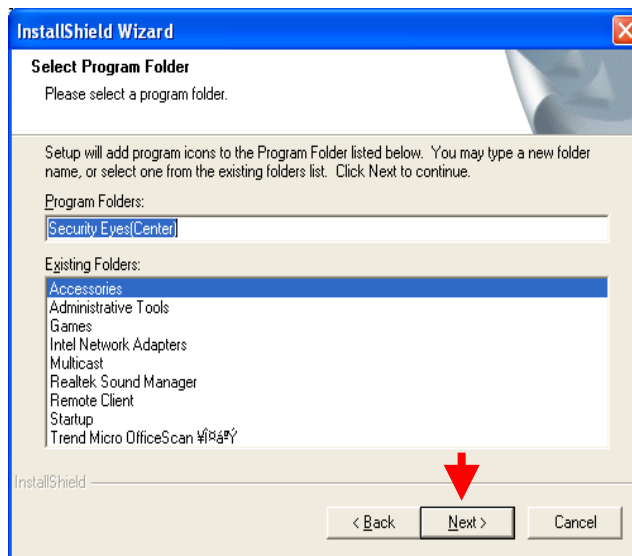
Step 2: Please click
“INSTALL SECURITY_CENTER”.



Step 3: Click “Browse” button to change the destination or just click “Next” to continue.



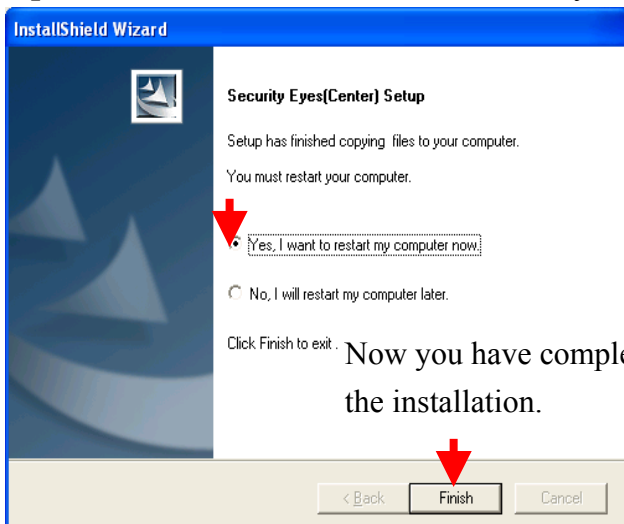
Step 4: Select the Program Folder or just click
“Next” to continue.



Step 5: Please click “Continue Anyway” to continue.



Step 6: Please select “Yes, I want to restart my computer now” and click “Finish”.



Now you have completed
the installation.

4.Surveillance Software

4.1 Note before using Surveillance Application_SecurityEyes

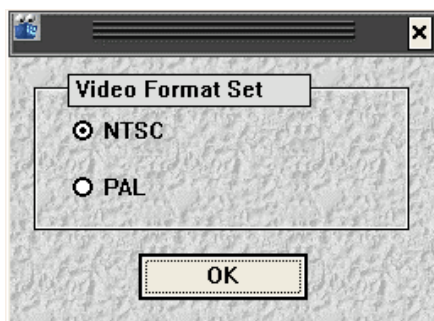
At first, we thank you for purchasing this product. Good choice !

This software was designed by professional software team which included completed monitor functions & advanced control ability. Strongly recommend users to read all detail in this manual before use this software. It will help you to know how you use the powerful software without problems.

Note : If you have not read the install manual, please read it to install the hardware, drivers and software. This manual is especially for users to know how to use surveillance applications.

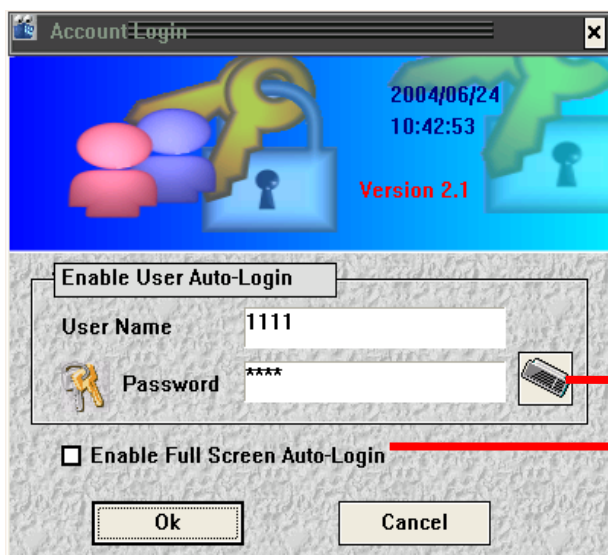
4.2 How to use surveillance software : SecurityEyes_Main

2-1 After installation of SecurityEyes_Main application, the MAIN application will auto run at the first time after you reboot computer as below picture. Please select the correct video format of the camera used.



2-2 Below LOGIN window will come up. The default account and password is : **1111**

Please click “Ok” at the first time you login. The account and password can be added or changed in system settings of Main application.



Click to show up
little keyboard to
help you inputting.

Check the box will
enable “Full Preview
Window” after login.

2-3 After Login procedure, you'll see the preview window and application's interface on screen as below.

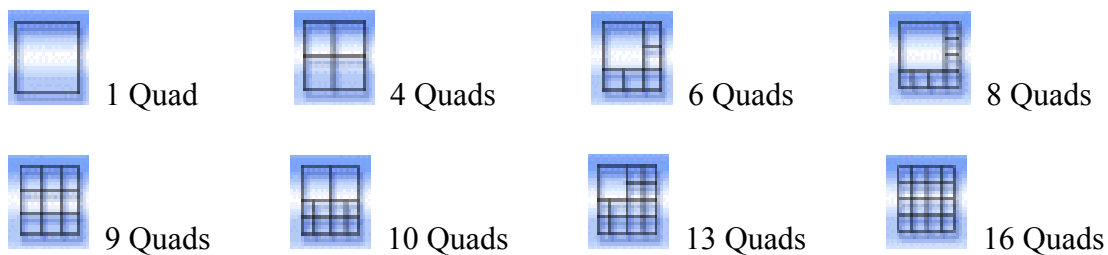


2-4 Interface General Introduction :

[Single Preview Window]



[Quad Vision Modes]



[Focus Camera Setting]



Users can click the Camera Number to be the focus camera. Take (6 Quads) for example, if you click camera number 9, the biggest preview window will change to Camera 9's view. Others will be Camera 10, 11, 12, 13 & 14. Please note that cannot make random permutation.

[Status Window]



Preview Only Status



All functions Enabled Status

<MONITOR> To start going monitor status. Under MONITOR status, all set functions just can work.

MTC Enable 「Multicast Server」 function.

MOD Enable 「Modem Server」 function.

WEB Enable 「WebCam Server」 function.

TCP Enable 「TCP/IP Server」 function.

CET Enable 「Send To Center」 function.

PDA Enable 「PDA Server」 function.



[] System Settings



Click



Click 「System Settings」 will enter System Settings window, please go **page 10** to see the detail.

Click 「Menu Color Setting」 to change the background color of sub menu.

Click 「FullScreen Mode」 to view the monitor window in Full Screen.

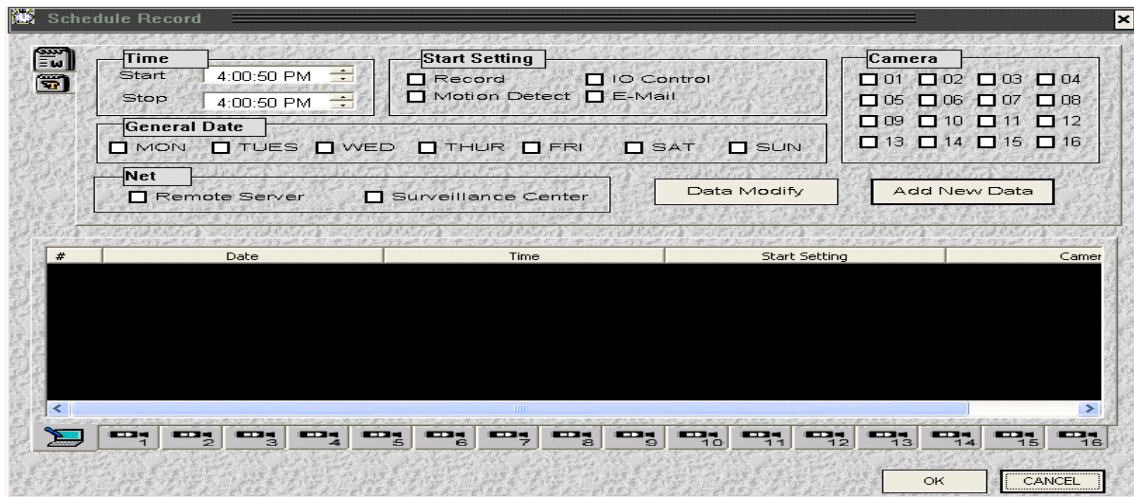
Click 「Start Monitor」 to enable Monitor and other functions getting work. (Please note this !)




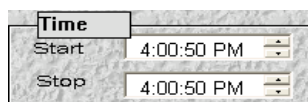
[] Schedule Record



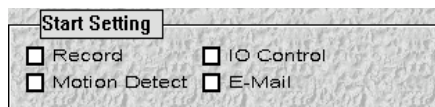
Click to enter Schedule Record setting window as below.



A.  : Schedule Record settings in WEEKDAY mode.



: For users to set a period of time in schedule recording.



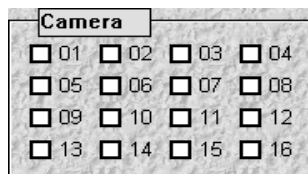
: For users to set the recording modes on schedule.

Record : Full Time recording when schedule on.

Motion Detect : Motion Detect Recording when schedule on.

IO Control : Enable IO Control to invoke alarm when schedule on.

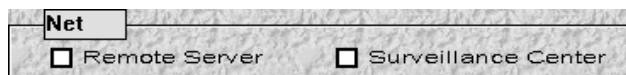
E-Mail : Enable E-Mail alarm when schedule on.



: To set 1 or more camera to record when schedule recording start.



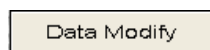
: To set 1 or more day in a week to start schedule recording.




: To enable the Net Functions when schedule on.

Remote Server : Enable Remote Server function when schedule on.


Surveillance Center : Enable Surveillance Center function when schedule on.

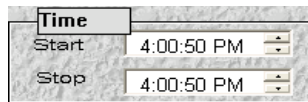


: Click to modify the set settings in list.



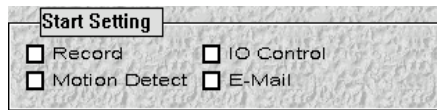
: Click to add new settings into list.

B.  : Schedule Record settings in SPECIFIC DAY mode.



A window titled "Time" with two time selection fields. The "Start" field is set to "4:00:50 PM" and the "Stop" field is also set to "4:00:50 PM". Both fields have up and down arrows for adjustment.

: For users to set a period of time in schedule recording.



A window titled "Start Setting" with four checkboxes: "Record", "Motion Detect", "IO Control", and "E-Mail".

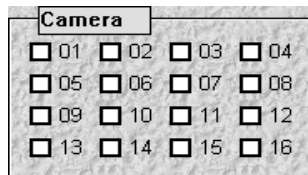
: For users to set the recording modes on schedule.

Record : Full Time recording when schedule on.

Motion Detect : Motion Detect Recording when schedule on.

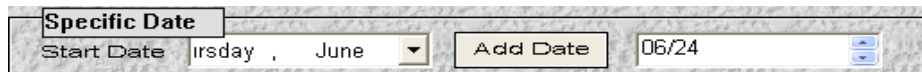
IO Control : Enable IO Control to invoke alarm when schedule on.

E-Mail : Enable E-Mail alarm when schedule on.



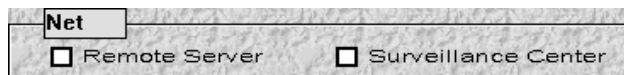
A window titled "Camera" with a grid of 16 checkboxes labeled 01 through 16, arranged in four rows and four columns.

: To set 1 or more camera to record when schedule recording start.



A window titled "Specific Date" with a "Start Date" field showing "irsday , June", an "Add Date" button, and a date input field showing "06/24".

: At first, please select a day and then click "Add Date" to add the date into list.

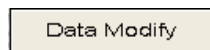


A window titled "Net" with two checkboxes: "Remote Server" and "Surveillance Center".

: To enable the Net Functions when schedule on.

Remote Server : Enable Remote Server function when schedule on.

Surveillance Center : Enable Surveillance Center function when schedule on.



A button labeled "Data Modify".


: Click to modify the set settings in list.




A button labeled "Add New Data".

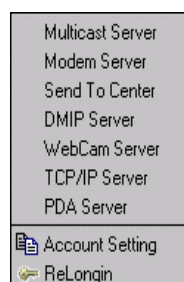
: Click to add new settings into list.

 Event List

Click  will enter Playback program, please go **page 26** to see the detail.

[] Start Net Server

Click  will show below list for users to start Net Server functions.



Multicast Server For Remote Client using, click to enable Multicast Server function.

Modem Server For Remote Client who used modem, click to enable Modem Server function.

Send To Center For Remote Center using, click to enable Send To Center function.

DMIP Server To enable DMIP Server function, please go **appendix** to see the detail.

WebCam Server For Internet Browser using, click to enable WebCam Server function.

TCP/IP Server For Intranet Client using, click to enable TCP/IP Server function.

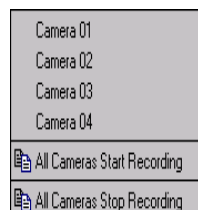
PDA Server For PDA Client using, click to enable PDA Server function.

Account Setting For accounts and password setting, please go **page 20** to see the detail.

ReLogin For different users changing authority, click to show Login window again..

[] Record

Click  will show below list for users to start or stop recording.





Camera XX Click to start or stop recording on Camera XX

All Cameras Start Recording Click to start all cameras recording.

All Cameras Stop Recording Click to stop all cameras recording.

[] Channel Switch

Click  will show . Please click “Auto Switch Camera” to start channel auto switching. After enable this function, the preview screen will change the camera’s viewing one by one after every 5 seconds(default). For example, if your original camera’s viewing



1	2
3	4

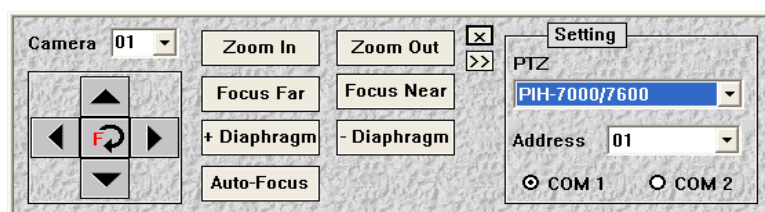
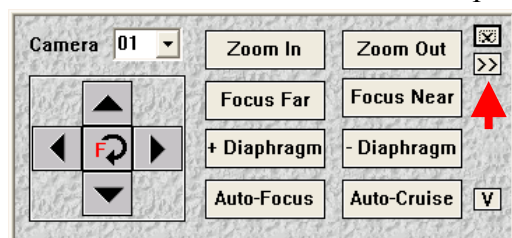
Click “Auto Switch Camera” and after 5 seconds

2	3
4	1

(The interval time of Camera Switch can be set in System Settings)

[] PTZ Control

Click  to enter the control panel of PTZ as below. Please click  to show the settings of PTZ.

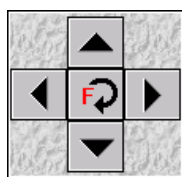


Please select the PTZ module at first according to your used PTZ. Now we support four kinds of PTZ, they are **PIH-7000/7600**, **PELCO SPECTRA** / , **NICECAM MP-1800** & **CANNO VC-C4**.

After this, please check the Address on PTZ camera's hardware setting and then confirm which com. port connect with the control box. After correct settings of PTZ, then we just can control well.

Camera 01

After PTZ settings, please select the correct camera number who's PTZ.



: Move up



: Move down



: Left



: Right



: Faster move (Half Circle)

(Direction Control)

Zoom In

Zoom Out

: For users to control PTZ to Zoom-In or Zoom-Out.

Focus Far

Focus Near

: For users to control PTZ to Focus-Far or Focus-Near.

+ Diaphragm

- Diaphragm

: For users to adjust Diaphragm more or less.

Auto-Focus

Auto-Cruise

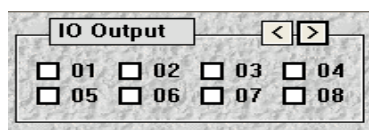
: For users to control PTZ to Auto-Focus or Auto-Cruise.



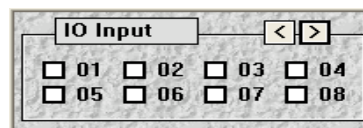
[IO Control]



Click to show below diagram.



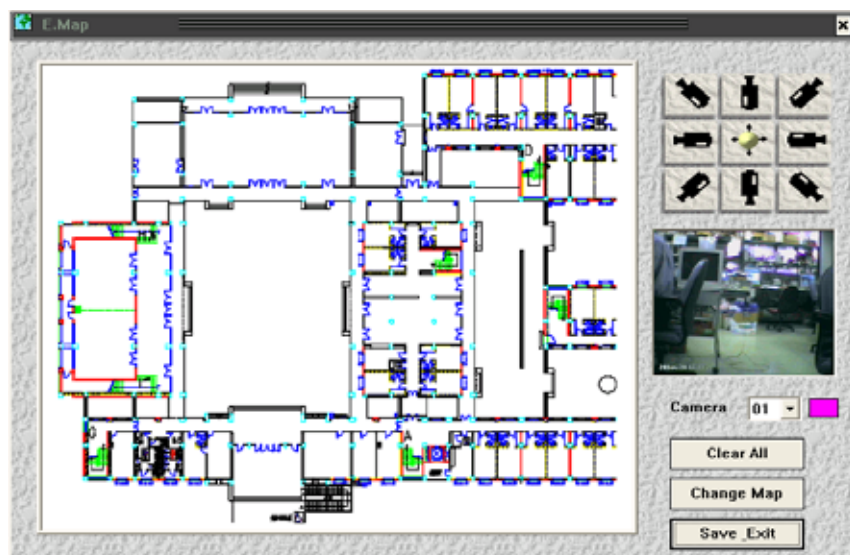
Click > to change the menu



[E.Map]



Click to open the E.Map's settings as below.






The map is default map for users' reference. Please change to the map which you want to use by press

Change Map

and then choose the file of map in saved disk.


After changed the map, now we can start to put the cameras on map.

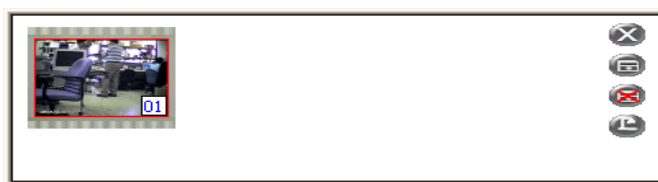
1. Please select the correct camera's number and the word's color here : **Camera** **01** 
2. Please move your mouse to the camera in correct direction(for example : ) and click it. Then move to map and point at a location to put the camera and click again.
3. If you feel the default size of the map is too small, please press  to enlarge the map. Click again can back to default.
4. If you find out that you have wrong setting, you can press **Clear All** to clear all you set on map.
5. If no problem, please press **Save Exit** to save and exit this setting menu.

In the future, you can view the specific location's image by this function. Just need to click the camera's picture and then you can see the preview window at the right side sending the video from the camera in that location.



[] Snap A Picture

Click  will have a snap shot and show below diagram.



: Click to close this window.



: Click to save the selected picture to disk.





: Click to delete the selected picture.

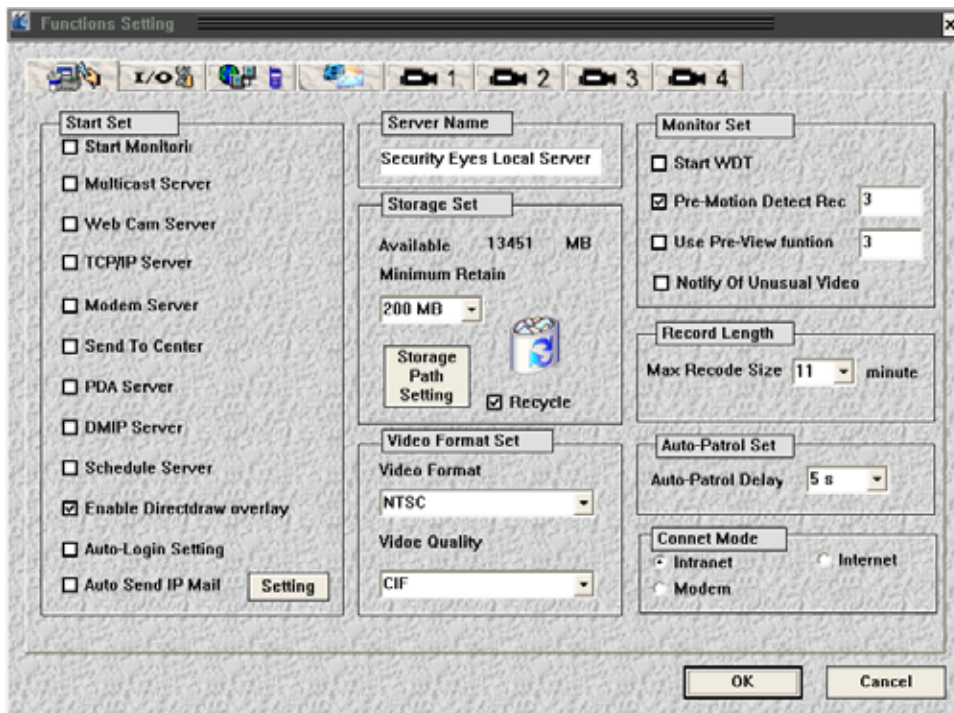


: Click to save the picture for desktop.

2-5 Detail Introduce of System Settings

Click  and then press  to enter “System Settings” as below.

 [System Settings]



Start Set : Users can set the function start to work at the beginning after login application.

Start Monitor : Suggested to enable this function, because all functions need this to work at the beginning after login application.

Multicast Server : Enable to start Multicast Server.

Web Cam Server : Enable to start Web Cam Server.

TCP/IP Server : Enable to start TCP/IP Server.

Modem Server : Enable to start Modem Server.

Send To Center : Enable to start Send To Center.

PDA Server : Enable to start PDA Server.


DMIP Server : Enable to start DMIP Server.

Schedule Server : Enable to start Schedule Server.

Enable Directdraw overlay : Please keep this function working or couldn't see the image in preview screen.

Auto-Login Setting : Enable Auto-Login when start application.

“Auto Send IP Mail” : Enable can send a notification about the IP which now used by Main Server.

Please click  and enter the settings as below :



To key in the e-mail address that you want to send a notification to. Then please press “Add” to add into list and press “Save” to save the list.

: Users can change the server's name here.

Available XXXX MB : This function will auto-detect how many available size in disk as you set.

Minimum Retain : This function is for users to retain the disk space for keeping stable to operate system. Please set it between 50 MB to 950 MB.

Recycle : Enable to recycle the disk space. Take the picture in left side for example: 6456 MB – 200 MB = 6256 MB. If you record the video files till 6256 MB, this function will delete oldest video files and continue to record new video image.

Storage Path Setting : Click to set your storage disk path.

Video Format : If you don't set the correct video format when first time to login this application, you can set it again here. It support NTSC & PAL video formats.

Video Quality : It supports CIF(320x240) & FULL D1(640x480) two kinds resolutions. Please note that higher resolution needs higher performance of system.


Start WDT : Check the box to enable WDT(Watch Dog Tool), but please use the cable of WDT to connect and instead of the power pin.

Pre-Motion Detect Rec : For users to set this application to record before motion detect. Please set between 1 to 10 seconds.

Notify Of Unusual Video : Enable to alarm out when unusual video happen.

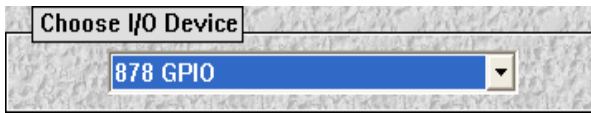
Max Record Size : For easy to search, it have to divide the video files, this function is for users to set the length of video files between 1 to 19 minutes.

Auto-Patrol Delay : This function is for users to set the interval time of

Channel Switch []. Please set between 3 to 20 seconds.

Connect Mode : Please select your network type is Intranet or Internet or Modem .

I/O [I/O Settings]



Choose I/O Device
878 GPIO

At first, please select your I/O device here. Now it supports **878 GPIO** and **PT-811M**.

☐ **Enable IO Detect** Check this box to enable auto-detect I/O device.



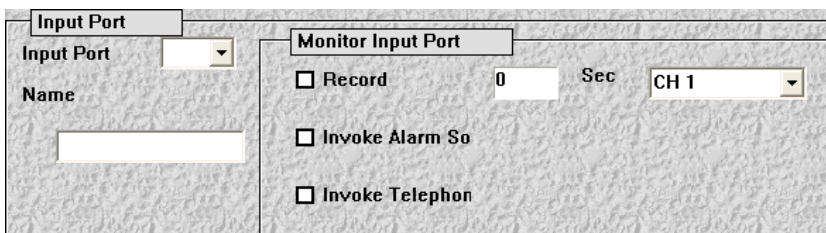
IO Address
Address 1 Setting Get

Please set the address of I/O device and press “Setting” or you can press “Get” to get the address.



RS232
☒ COM 1 ☐ COM 2

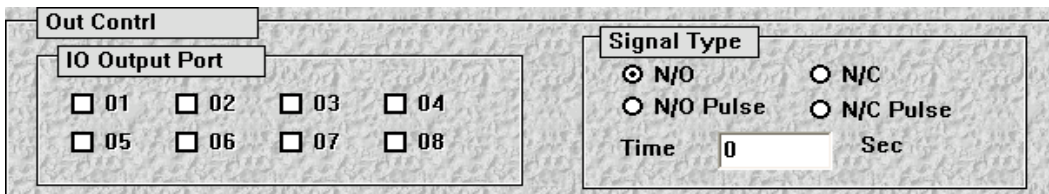
If you use external I/O box, please select the correct port of RS232.



Input Port
Input Port
Name
Monitor Input Port
☐ Record 0 Sec CH 1
☐ Invoke Alarm So
☐ Invoke Telephon

This function is for users to set the disposing way when the input ports detect something happens.

At first please select the Input Port **Input Port** and have a name **Name**.
And then just select “Record”, “Invoke Alarm Sound” or “Invoke Telephone”.

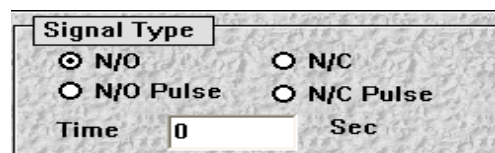


Out Control
IO Output Port
☐ 01 ☐ 02 ☐ 03 ☐ 04
☐ 05 ☐ 06 ☐ 07 ☐ 08
Signal Type
☒ N/O ☐ N/C
☐ N/O Pulse ☐ N/C Pulse
Time 0 Sec

Besides I/O Input Control, it also supports I/O output control.

Please select the output port number **IO Output Port** and then select the signal

type in N/O, N/C, N/O Pulse or N/C Pulse



Signal Type
☒ N/O ☐ N/C
☐ N/O Pulse ☐ N/C Pulse
Time 0 Sec



[Network Settings]

Hotline Setting : All telephone calling function is based on this setting to work.

Please have a modem connect with computer and select here

and then type the telephone or mobile number in

Finally please select the invoking way when hotline was enabled

This function is for users to set the account of Center side.

Login Name : Please have a login name here.

Password : Please have the password of the account.

Use IP : Please type the IP of center here.

This function is for users to set the DMIP function. About how to use DMIP, please have to check the appendix in last of this manual.

Please have a login name **Login Name** 1111 is okay. Then this function will auto-detect the real IP you used now and refresh here **IP** 0.0.0.0

Of course, you can set the refresh time **Refresh Time** 15 /s.



[E-Mail Settings]

SMTP* 0.0.0.0

: Please use IP address or server name to edit SMTP.

Sender*

: Please input the E-Mail address of sender.

Receiver*

: Please input the E-Mail address of Receiver.

Carbon Copy

Blind

: Besides receiver, if you want to send to carbon copy and blind copy, you can input the E-Mail address here.

Subject* Security Serrver alarm

: Please to add or modify the subject and content of alarm E-Mail.

Content* Security Server alarm

Test To Deliver

: After finish above settings, please press this button to try alarm E-Mail is working fine or not. If not, please go back to check the settings again.

E-Mail Setting		
Interval	10	s

: We suggested keeping this setting at 10 seconds. If you set too short interval time of E-Mail sending will cause some unusual problem of this function.

Capture Setting		
Delay	500	ms
Number	1	
<input checked="" type="checkbox"/> Attach JPEG		

Alarm E-Mail allows users to attach the captured picture on mail. We suggested to keep the delay at 500 ms or please don't set it longer than 500 ms. And then please decide to choose how many picture will be attached on mail, please note it will spend the internet's speed and system performance.

1 [Camera 1 Settings]

This function is for users to set on **individual** camera.

Camera Name : Please input a name for camera.

Video Source

Brightness : Click to back to default status.

Contrast

Saturation

Hues ☐ Day ☐ Night Click to apply to all cameras.

Record Set

Record Quality ☒ Enable Motion Detect : Set for camera's record setting.

Record Format ☒ Audio Record

Users can adjust the quality of recording and .

Users can control "Motion Detect" enable or not when this camera is recording ☒ **Enable Motion Detect**.

Motion Detect Set

Sensitivity L H

Mask Area

☐ Display ☐ Enable Mask



"Sensitivity" Users can adjust the sensitivity of motion detect by mouse moving right(Higher) or left(lower).

"Mask Area" Click to change the color of mask. Click and then drag mouse on below video window to add the mask area on below window, so click can delete the mask area. Click to erase all mask.

"Display" Enable display will display mask area on mainly monitor preview screen.

"Enable Mask" To enable this function on this camera, please check this box.

Monitor Set

☒ Enable Camera

☒ Display Time ☒ Display Name

☐ Invoke IO Port

☐ Invoke Telephone Alarm

☐ Invoke Sound Alarm

☒ Send To Center

☐ Send To E-Mail

"Enable Camera" The video will not show on preview screen if disable this item.

"Display Time" The water mark of Time will not show on preview screen if disable this item.

"Display Name" The name of the camera will not show on preview screen if disable this item.

"Invoke IO Port" Users can select this camera to invoke IO output port for alarm.

"Invoke Telephone Alarm" Users can select this camera to invoke telephone calling for alarm.

"Invoke Cound Alarm" Users can select this camera to invoke sound alarm.

"Send To Center" Users can decide what kind of convey from Main to Center about this camera.

"Send To E-Mail" Users can decide to send alarm E-Mail or not about this camera's alarm.

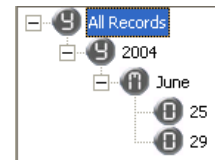
About other cameras' settings are all the same, please set it according to above introduce.




2-6 Detail Introduce of Event List

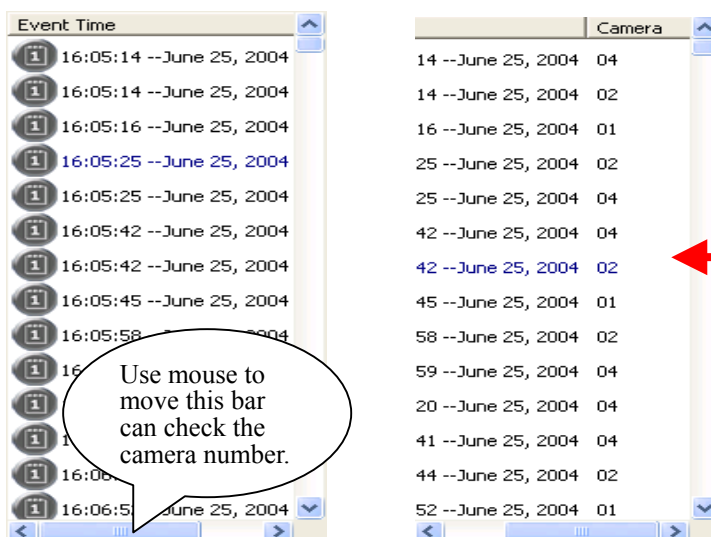
Click  to enter “Event List”(Playback System) as below.



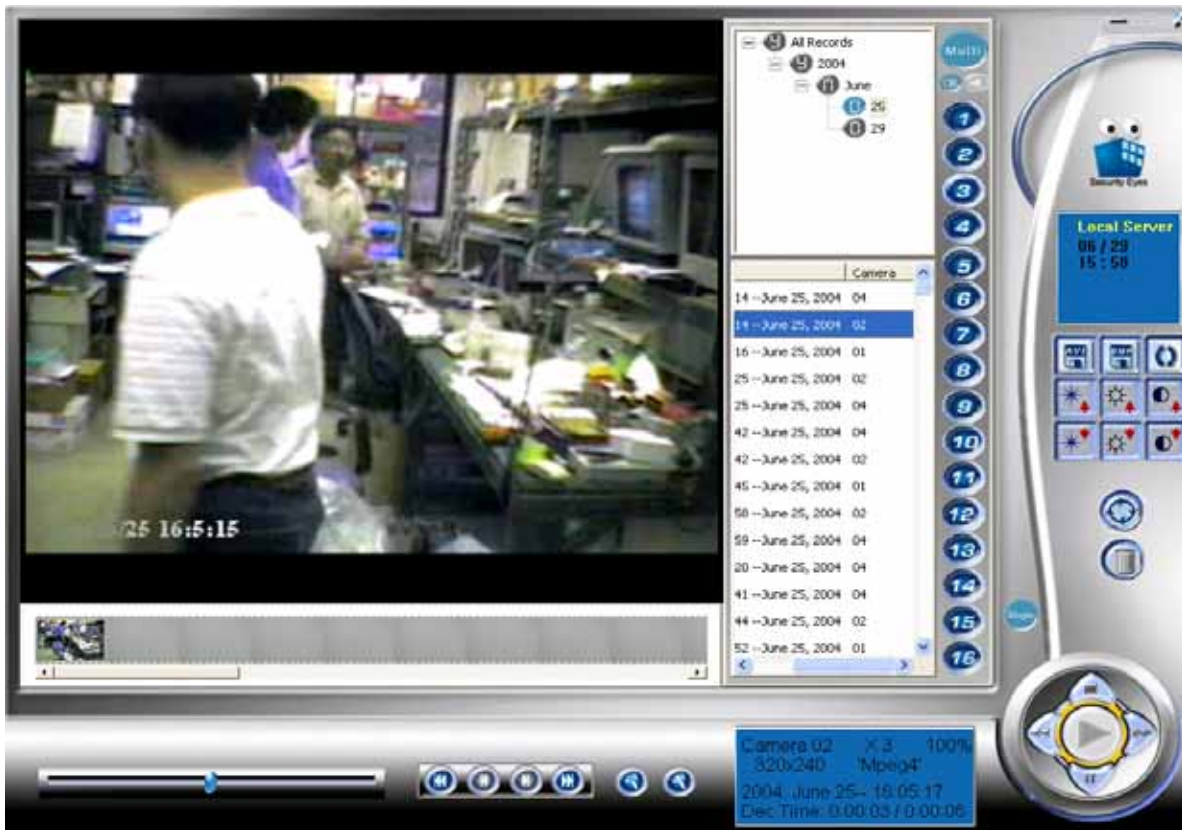
At the first time going to Playback System, we set the default of Search & Play modes based on Signal. Therefore now we introduce how to playback under Signal Search & Playback modes. Please note that you already recorded video files before use this function.



At the first, please click   **All Records** to open all sub paths of recorded files . In this picture, it shows that already recorded video files on June 25 & 29, 2004. Now we select , and then we can see the video files list as below.



Select one these video files that you want to check. And then you'll see the video file playing on left playback screen as below.







Camera 02 X 3 100% [Playback Status Window]
 320x240 'Mpeg4'
 2004, June 25-- 16:05:14
 Dec Time: 0:00:00 / 0:00:06


Camera 02 X 3 100% Camera 02 : Camera number、X 3 : Play speed、100% :

320x240 'Mpeg4' 320x240 : Resolution of recorded video、 Mpeg4 : Video Format.

2004, June 25-- 16:05:14 Time of recording start.

Dec Time: 0:00:00 / 0:00:06 Decoding Time(Length) : played time/length of video file

Click  to start playing. Click  or  to add or reduce the speed of playing. Click  to stop playing.

Click  to pause playing.



: Play bay of video file, users can use mouse to move the bar to any point of time.

 Click to last frame、  Click to next frame

 Click to the head of file、  Click to the end of file

 Click to zoom out、  Click to zoom in



: This button is for choosing **SEARCH** modes of Signal or Multiple. Click to change.



: Enable to search the files with video data.



: Enable to search the files with audio data.



: Click to search the file according to the camera number.



: This button is for choosing **PLAY** modes of Signal or Multiple. Click to change.



: Save current playing video to another new file.



: Save current image to another picture file.



: Exit playback system to monitor screen.



& : To adjust the sharpness of video file.



& : To adjust the brightness of video file.



& : To adjust the contrast of video file.


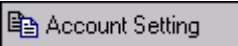


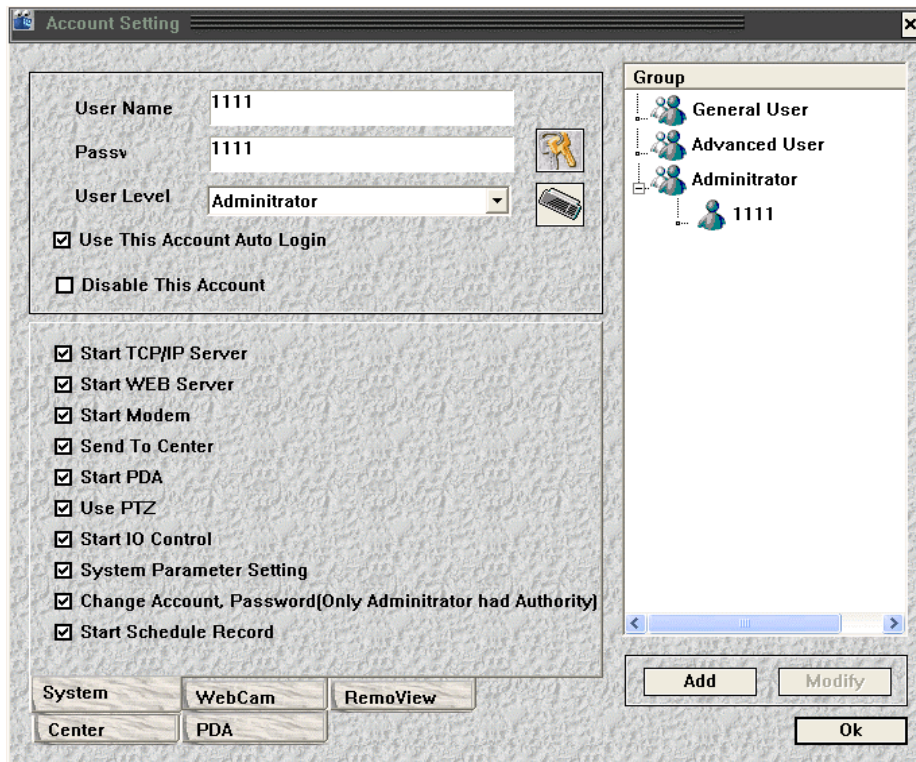
: Click to repeat playback video file.



: Delete current file in playback.

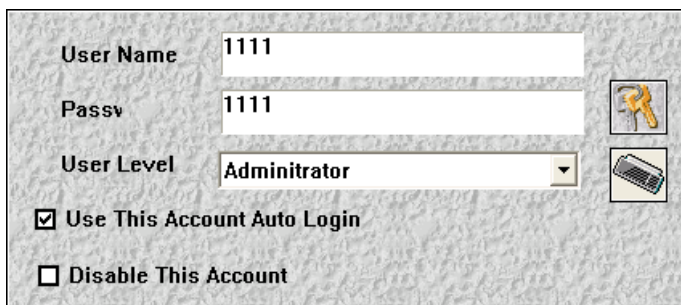
2-7 Detail Introduce of Account Setting

Click  and then press  to enter Account Setting.



The Account Setting window is divided into several sections. On the left, there are input fields for 'User Name' (1111), 'Passv' (1111), and a 'User Level' dropdown menu set to 'Adminitrator'. Below these are two checkboxes: 'Use This Account Auto Login' (checked) and 'Disable This Account' (unchecked). To the right of the input fields are two icons: a key icon and a keyboard icon. Below the checkboxes is a large list of system services, each with a checked checkbox: 'Start TCP/IP Server', 'Start WEB Server', 'Start Modem', 'Send To Center', 'Start PDA', 'Use PTZ', 'Start IO Control', 'System Parameter Setting', 'Change Account, Password(Only Adminitrator had Authority)', and 'Start Schedule Record'. At the bottom left are buttons for 'System', 'WebCam', 'RemoView', 'Center', and 'PDA'. On the right side, there is a 'Group' list showing a hierarchy: 'General User' (with a sub-entry 'Advanced User'), 'Adminitrator', and '1111'. Below the group list are 'Add' and 'Modify' buttons. At the bottom right is an 'Ok' button.

This setting is for users to set different accounts and password under different authority.



This is a partial view of the Account Setting window, showing the 'User Name' (1111), 'Passv' (1111), and 'User Level' (Adminitrator) fields. It also shows the 'Use This Account Auto Login' (checked) and 'Disable This Account' (unchecked) checkboxes, and the key and keyboard icons.

Please input or fix the “User Name” and “Password”. And then have an Authority to the account in “User Level”.

☒ **Use This Account Auto Login** Enable this function to allow the account to auto-login.

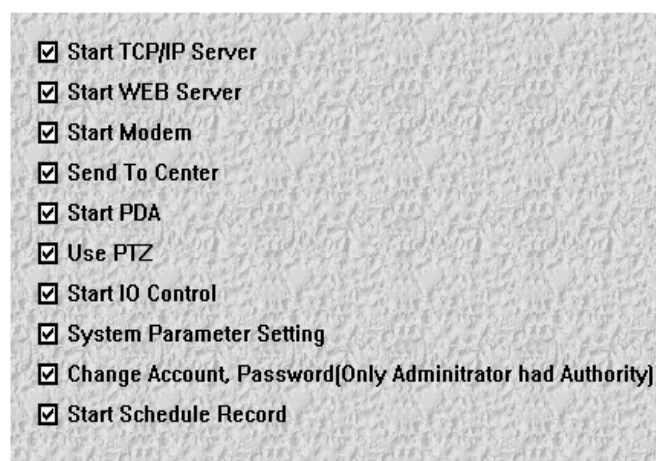
☐ **Disable This Account** In this function is for Administrator to disable this account.



Click to show ***** instead of real password.



Click to show little keyboard to help inputting.



This is a partial view of the Account Setting window, showing the list of system services with all checkboxes checked: 'Start TCP/IP Server', 'Start WEB Server', 'Start Modem', 'Send To Center', 'Start PDA', 'Use PTZ', 'Start IO Control', 'System Parameter Setting', 'Change Account, Password(Only Adminitrator had Authority)', and 'Start Schedule Record'.

Please select the Authority of this account by selecting the function is available or not.

To finish creating this account, please remember to press **Add** to add into account list.

About how to set other web users' authority, please use mouse move to select the page

here

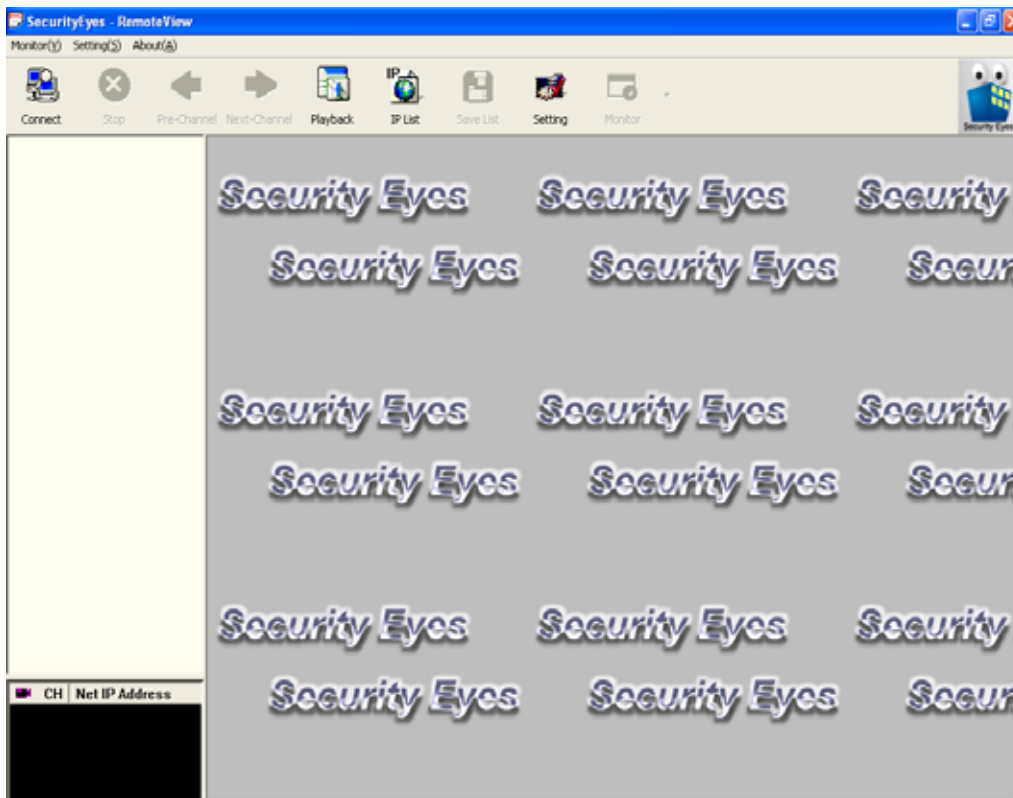
System	WebCam	RemoView
Center	PDA	

. Take "WebCam" for example as below :

About web users' authority settings, only needs to set the accessory of camera's video. Therefore you have to enable the camera's video can be send out to this account when login.

4.3 How to use surveillance software : SecurityEyes_Remote

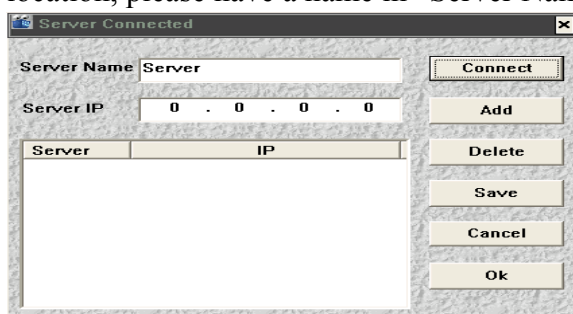
3-1 After installation of SecurityEyes_Remote application, please press “START” ”Programs” ”Remote Client” ”RemoteClient” to start the Remote Application as below.



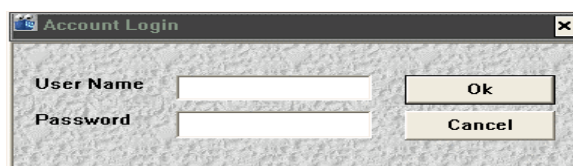
3-2 At the first time to connect to server (Main), please make sure that your server already enabled “Start



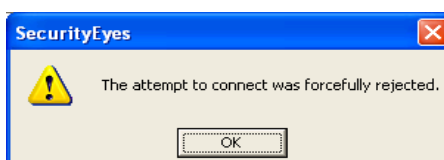
Monitor” and “Net Server” functions. Then please press **Connect** to start connecting to server, the setup windows will come up and please fill the server’s IP into “Server IP”. For convenient to know the Server’s location, please have a name in “Server Name”.



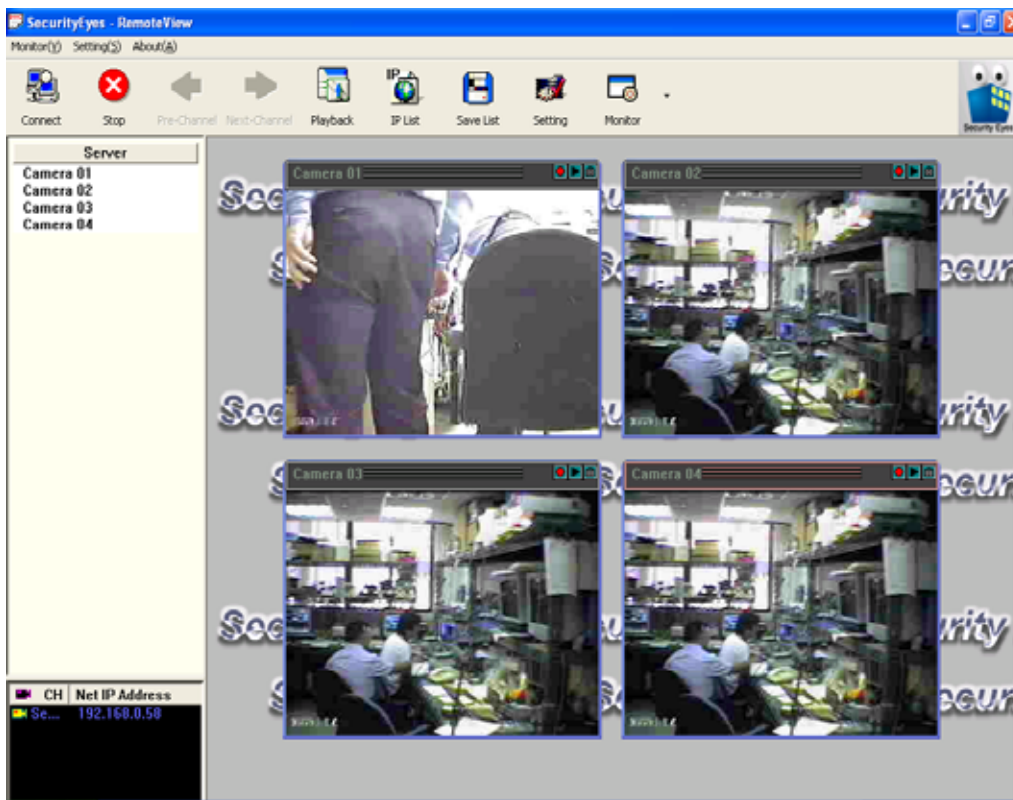
Please check the server’s IP and type into “Server IP” and click “Connect”.



Please fill the “User Name” and “Password” set in server’s account settings and then click “Ok”.

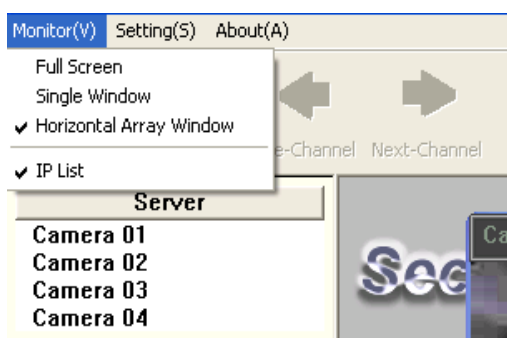


If show this windows “The attempt to connect was forcefully rejected.”. Please check the IP, User Name, Password and Connection if have any problem.

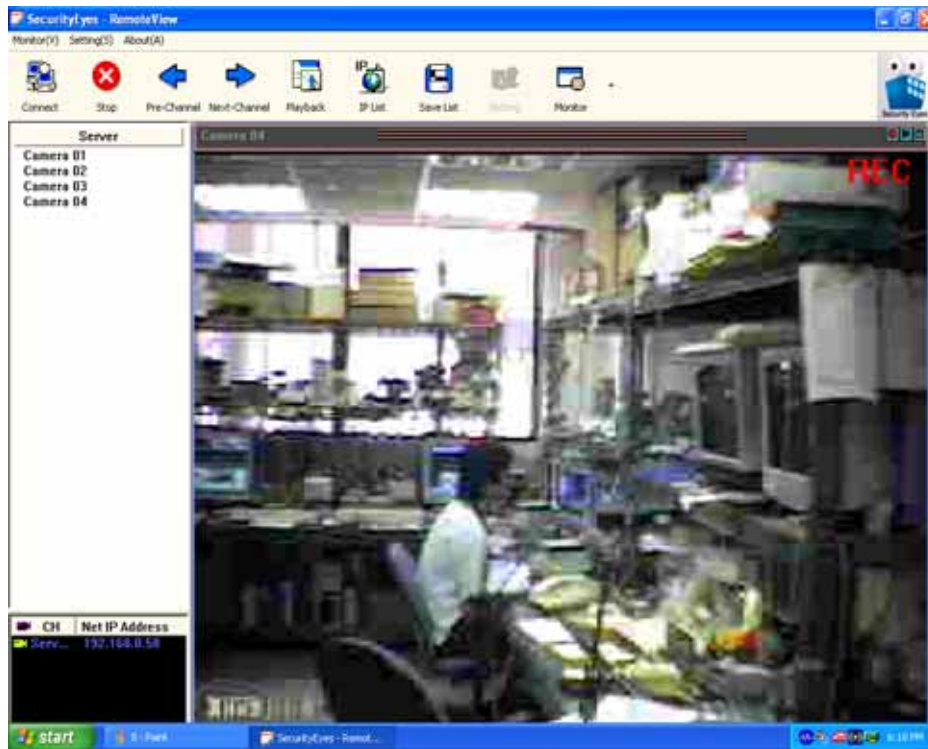


After successful connection with server, you'll see this preview windows.

After successful connection, we can try some Client's functions to know more about this software. Please press the "Monitor(V)" on menu. You can see below functions list.

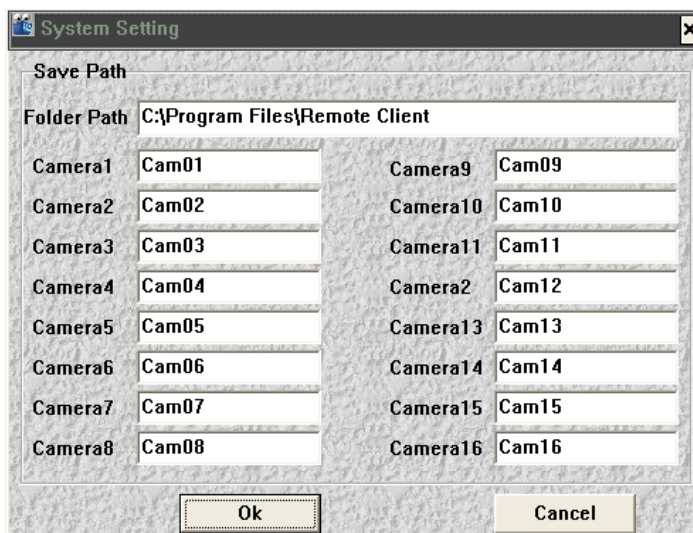


"Full Screen" : All functions are the same, only the interface is different.



”Single Window”

Please press the “Settings(S)” on menu. You can see below functions list.



→For users to set the path and folder name of recorded files.

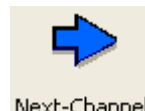
Other functions :



Stop : To stop the connection with server.



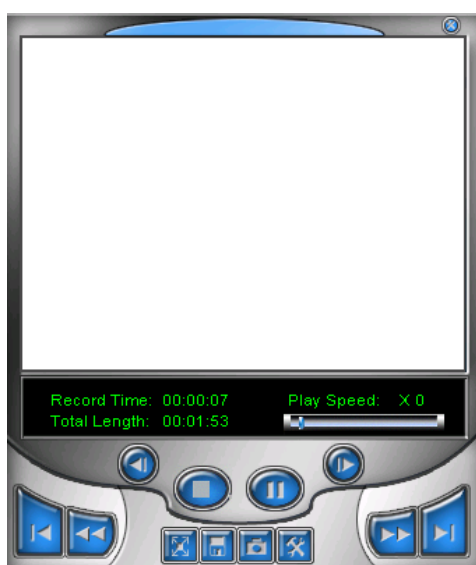
Pre-Channel : Move to last channel.




Next-Channel : Move to next channel.



Playback : Click to enter the playback system of Client as below.



 To exit playback system.

 Backward step

 Forward step

 Stop

 Pause



Move to the head of the video file.



Move to the end of the video file.



Move backward of the video file.



Move forward of the video file.



Full Screen.



Save the file to another path.



Snap Shot.



Settings menu.



Click **IP List** to show or not show the IP list window



Click **Save List** to choose recording functions.



Click **Setting** to enter the settings of playback system.



Click **Monitor** to choose “Full Screen”, Single Window” or “Horizontal Array Window” preview modes.

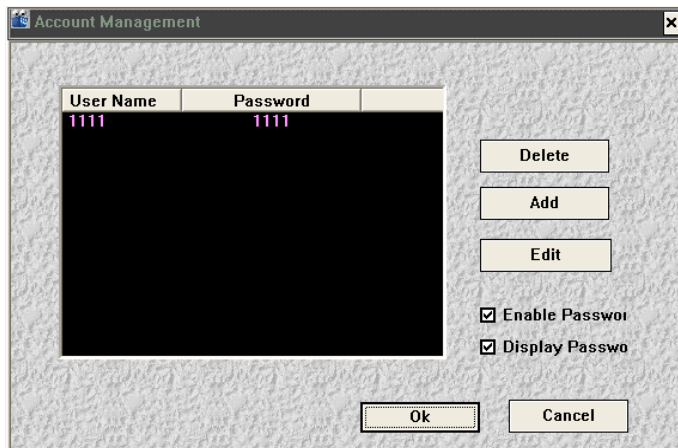
4.4 How to use surveillance software : SecurityEyes_Center

4-1 After installation of SecurityEyes_Center application, please press “START” ”Programs” ”Security Center” ”Center” to start the Center Application as below.

If you already :

- A. Set correct settings in server(MAIN) system settings about Center.
- B. Enable “Send To Center” function in server.
- C. Input correct account and password in Center as below.

Please move mouse to click “Account(A)” and “Account” function as below.



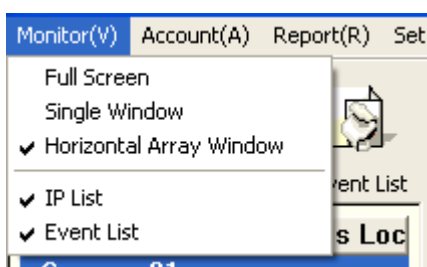
Click **Add** to add the account and password for server to login to Center.
If the server cannot login with the User Name and Password, please check your server(Main) system setting.

The Center will auto work when you execute the application as below.



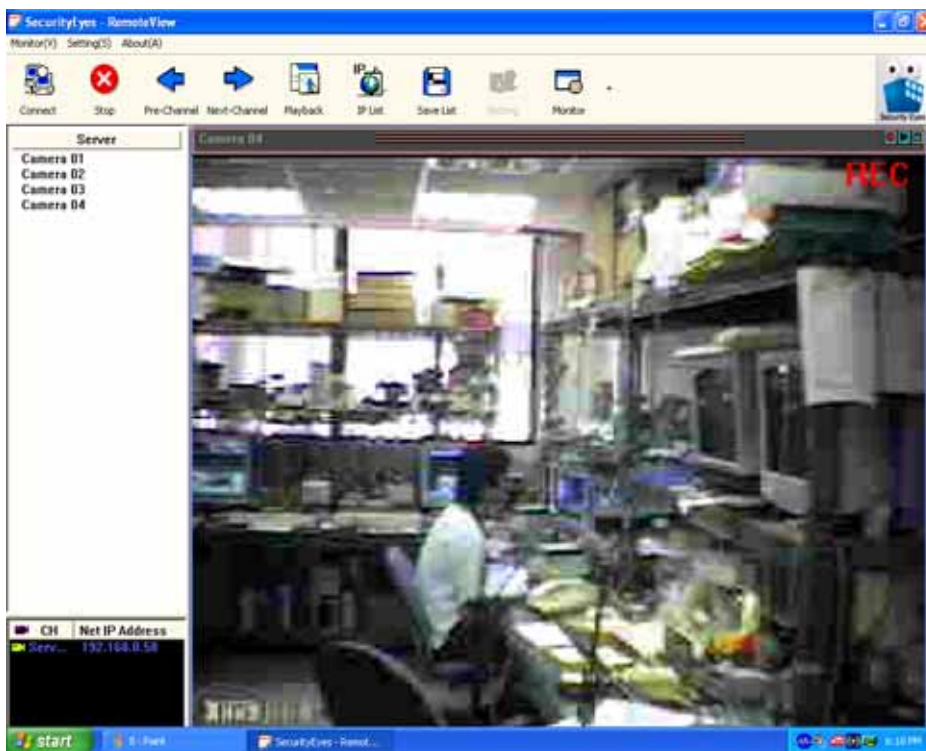
4-2 After successful connection, we can try some Center’s functions to know more about this software.

Please press the “Monitor(V)” on menu. You can see below functions list.



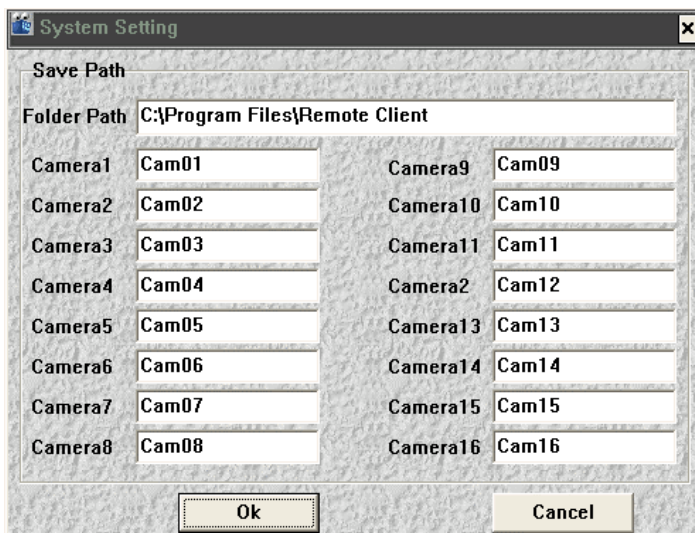


”Full Screen” : All functions are the same, only the interface is different.



”Single Window”

Please press the “Settings(S)” on menu. You can see below functions list.

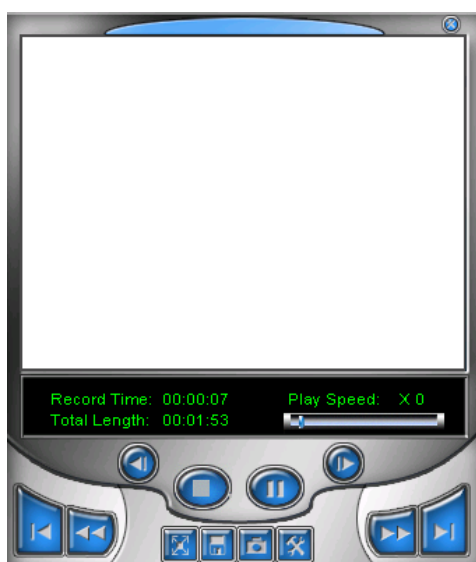


→For users to set the path and folder name of recorded files.


Other functions :



: Click to enter the playback system of Client as below.



 To exit playback system.

 Backward step

 Forward step

 Stop

 Pause



Move to the head of the video file.



Move to the end of the video file.



Move backward of the video file.



Move forward of the video file.



Full Screen.



Save the file to another path.




Snap Shot.



Settings menu.



Click  to show or not show the IP list window





Click **Save List** to choose recording functions.



Click **Setting** to enter the settings of playback system.



Click **Monitor** to choose “Full Screen”, Single Window” or “Horizontal Array Window” preview modes.

4.5 How to use surveillance software : SecurityEyes_Multicast

5-1 After installation of SecurityEyes_Multicast Center application, please press “START” ”Programs” ”Multicast” ”Multicast” to start the Center Application as below.

NOTE: This function is for users to monitor the server of multicast under Intranet environment. And the Network Group should be the same or may not be able to connect to each other.

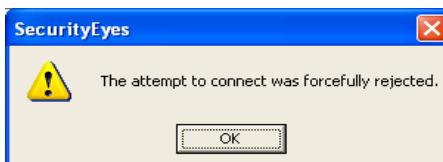
5-2 At the first time to connect to server (Main), please make sure that your server already enabled “Start



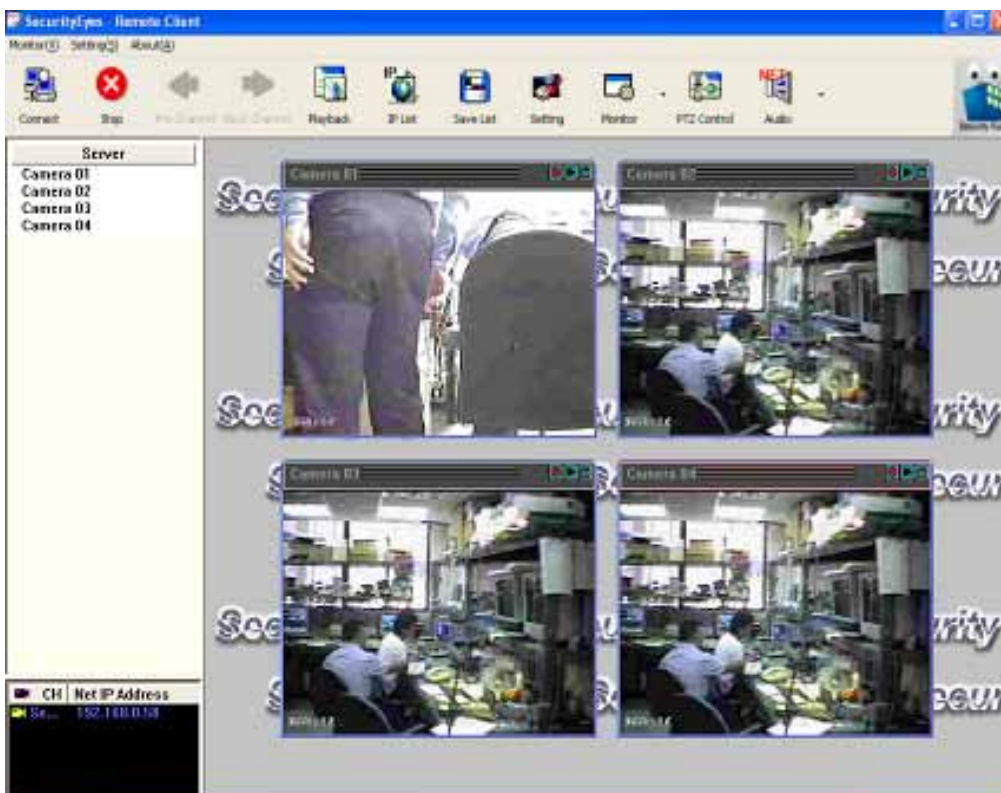
Monitor” and “Multicast Server” functions. Then please press **Connect** to start connecting to server.



Please fill the “User Name” and “Password” set in server’s account settings and then click “Ok”.

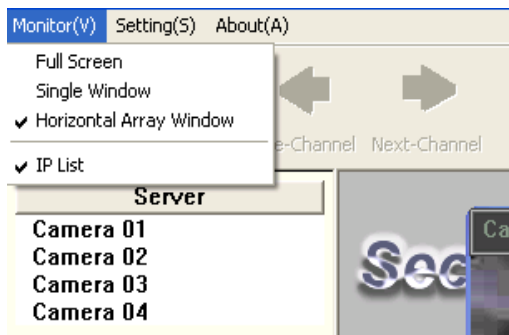


If show this windows “The attempt to connect was forcefully rejected.”. Please check the IP, User Name, Password and Connection if have any problem.

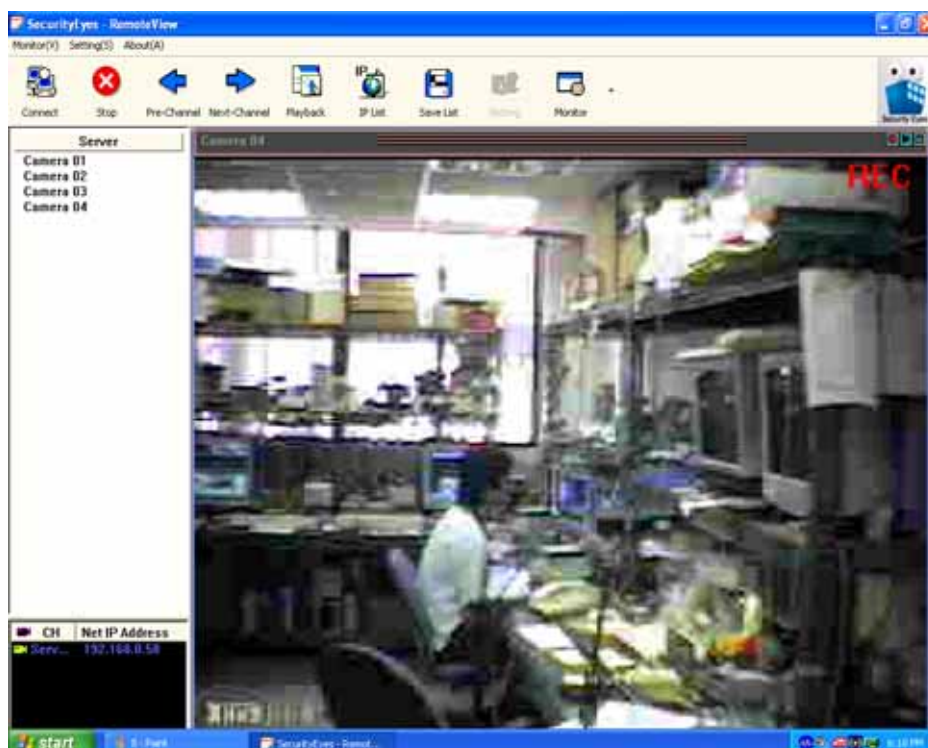


After successful connection with server, you’ll see this preview windows.

After successful connection, we can try some Client’s functions to know more about this software. Please press the “Monitor(V)” on menu. You can see below functions list.

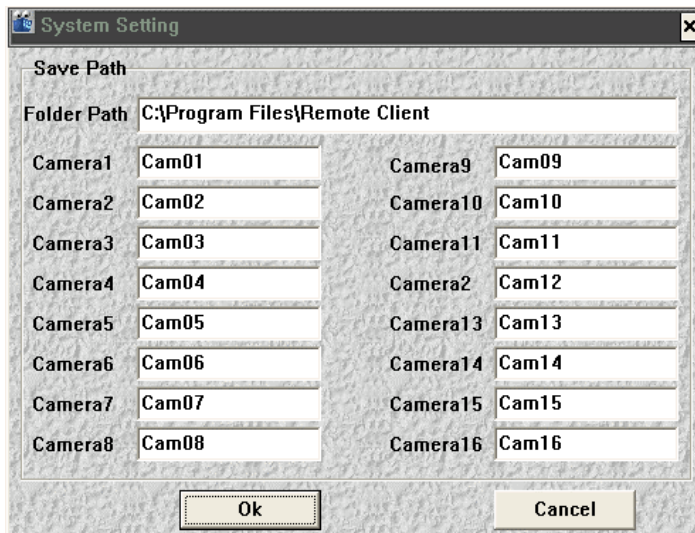


”Full Screen” : All functions are the same, only the interface is different.



”Single Window”

Please press the “Settings(S)” on menu. You can see below functions list.



→For users to set the path and folder name of recorded files.

Other functions :



Stop : To stop the connection with server.



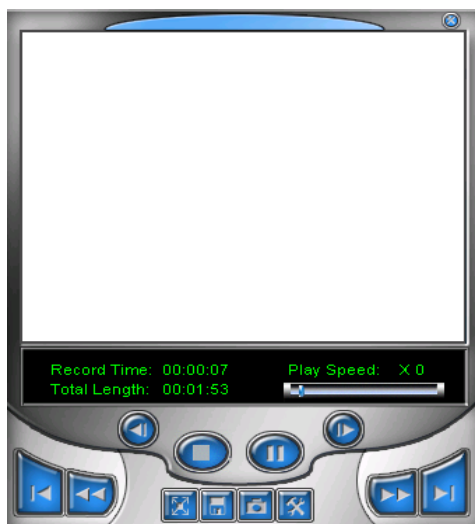
Pre-Channel : Move to last channel.



Next-Channel : Move to next channel.



Playback : Click to enter the playback system of Client as below.



To exit playback system.



Backward step



Forward step



Stop



Pause



Move to the head of the video file.



Move to the end of the video file.



Move backward of the video file.



Move forward of the video file.



Full Screen.



Save the file to another path.



Snap Shot.



Settings menu.



Click IP List to show or not show the IP list window

CH	Net IP Address
Server	192.168.0.58



Click Save List to choose recording functions.



Click Setting to enter the settings of playback system.



Click Monitor to choose “Full Screen”, Single Window” or “Horizontal Array Window” preview modes



Click PTZ Control to enter PTZ Control function.



Click Audio to choose Audio function.(SBT-SSPVA Only)

Appendix

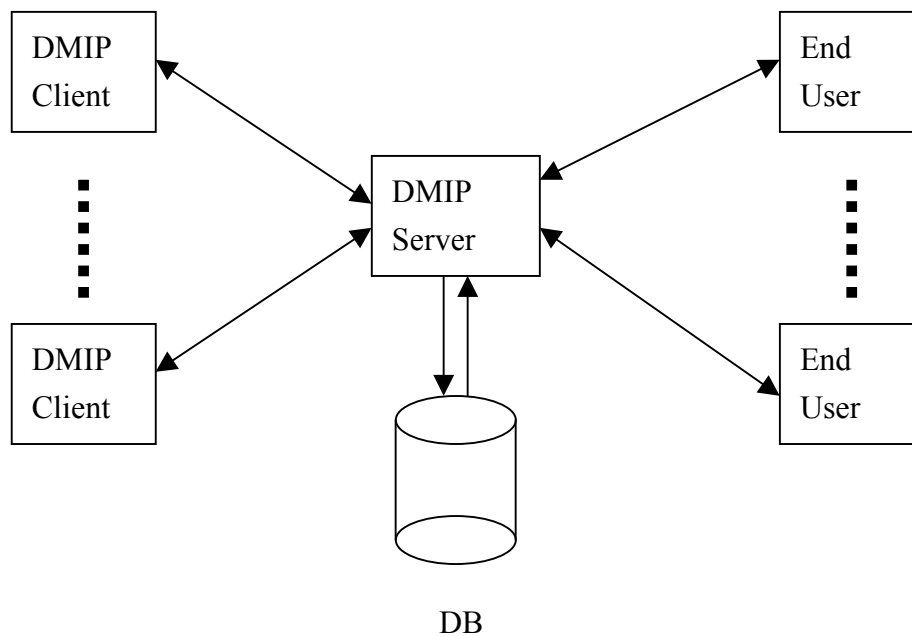
Detail Description of DMIP function.

DMIP function is mainly to send the MAC address (Media Access Control Layer) of NICs (Network Interface Card) from user client to server's database. After every-time of reboot, the IP changed but the MAC address will not change or repeat. Therefore we can update the IP after changed based on the fixed MAC address. Finally we can realize internet monitoring when we're using dynamic IP to connect with internet.

Subject:DMIP

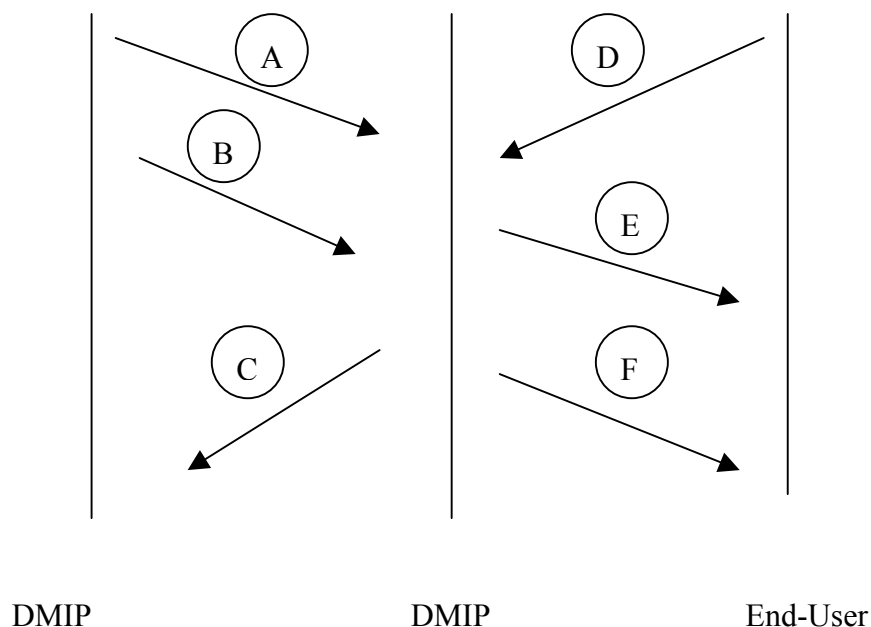
Due Date:10/15/2003

1. Structure



2.Function:

(1).Basic procedure



- Client Server Client
- A. Connection: Create the connection between client and server.
 - B. Send: Send Domain/Mac address/IP address to server
 - C. Exception: Server will send “Auth=NG” packet to client and client will show error messages and close the client application.
 - D.Auth. Req:End-user send a authentication request to server, end-user needs to input the Username and password.Username and password should be equal with DMIP domain/password.
 - E.Ack/Rej:Server will response the Ack or Rej signal.
 - F. Refresh:The DMIP list will auto refresh if data be changed.

(2)U/I of DMIP client

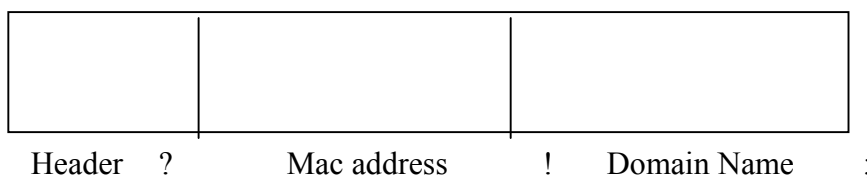
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Domain/password label</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">IP address label</div> <div style="border: 1px solid black; padding: 5px;">Exit button</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Domain/password edit</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">IP address edit</div> <div style="border: 1px solid black; padding: 5px;">Connect button</div>
--	---

(3)DB schema

Table name:User_Data	
Column	Type
=====	
Domain_Name	char
PWD	char
User_Type	char

Table name:User_List	
Column	Type
=====	
Mac_address	char
IP_address	char
Domain_Name	char

(4)Packet format



Example:

DMIP?01:02:03:04:05:06!test;

(5)Protocol:

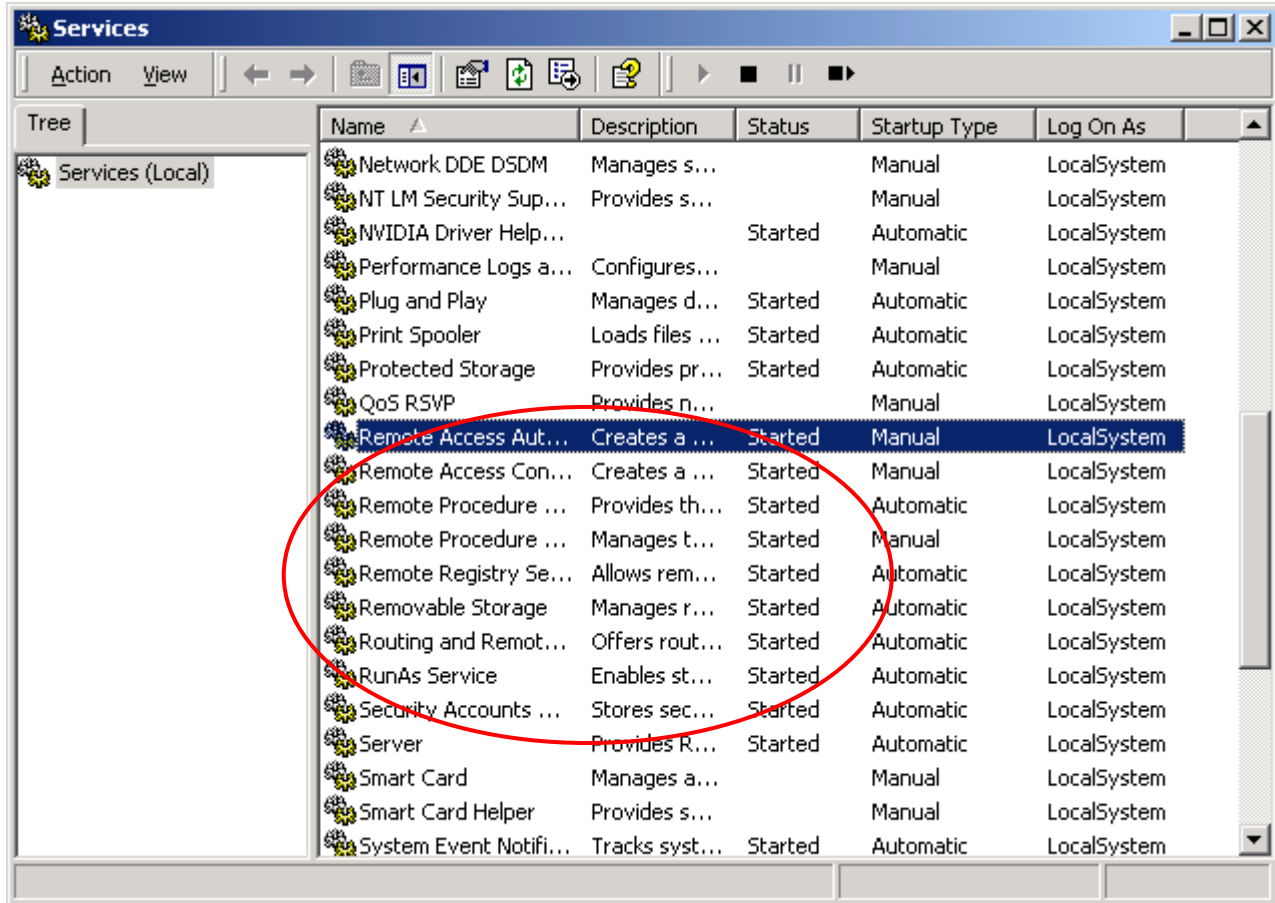
TCP

(6)Port: 80

Appendix 1 : Modem Connection settings.

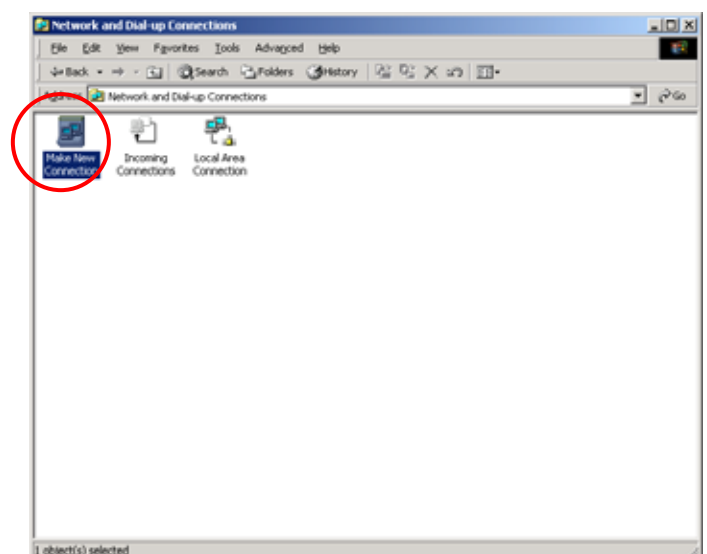
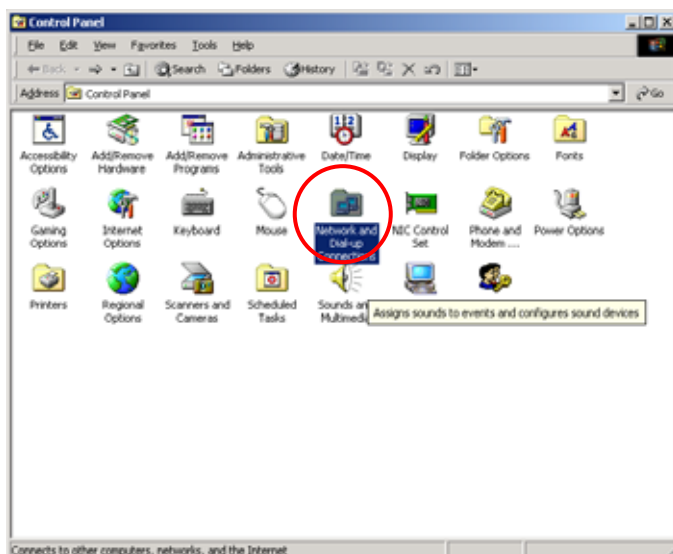
Set up Modem of Center Site :

1.Under WIN2000 or WINXP, please click Control Panel/Administrative Tools/Services to “ started ” the RAS Service by right clicking the mouse then pick “ start ” . If “ start ” is disabled to pick, please choose “ Properties ” , then change the startup type to “ Automatic ” . See the picture below:

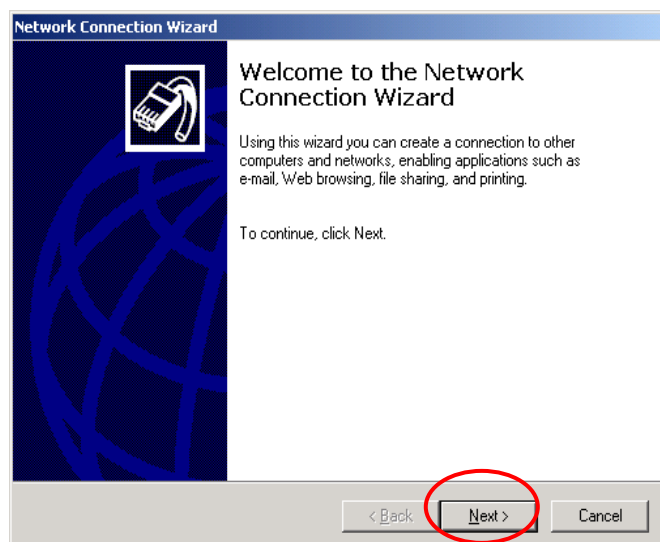


2.Create a connection (for Dial-up) :

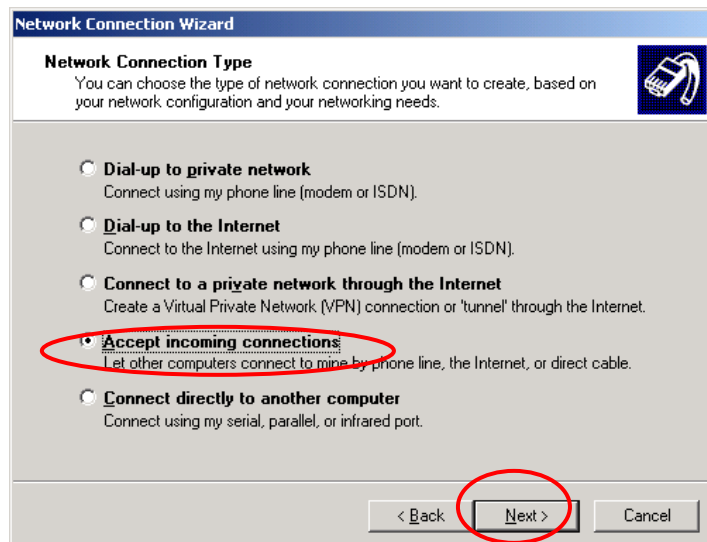
Step 1 : Control Panel, pick<Network and Dial-up Connection>, then Make New Connection, see picture below:



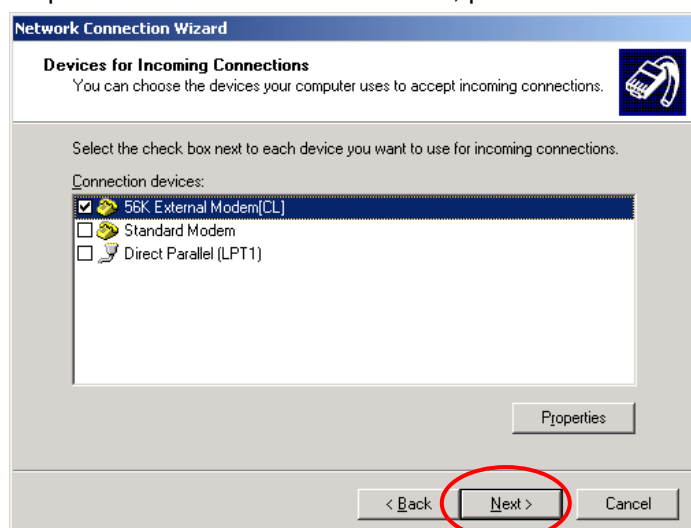
Step 2 : Press " Next " .



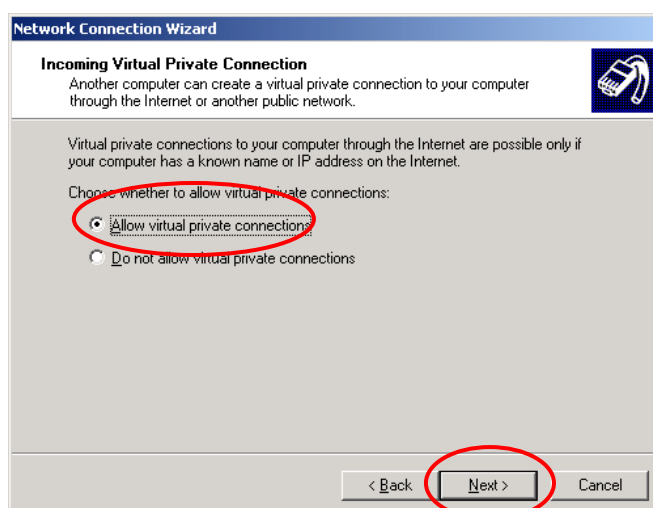
Step 3 : Choose<Accept incoming connections>, press " Next " .



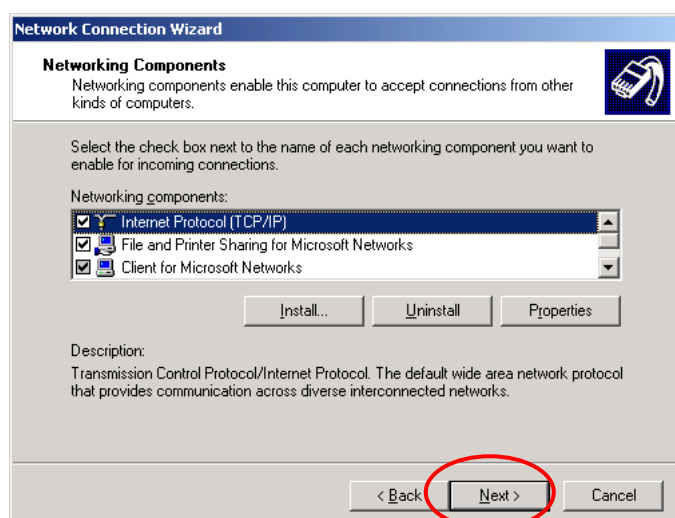
Step 4 : Choose Connection devices, press " Next " .



Step 5 : Choose " Allow virtual private connections " .



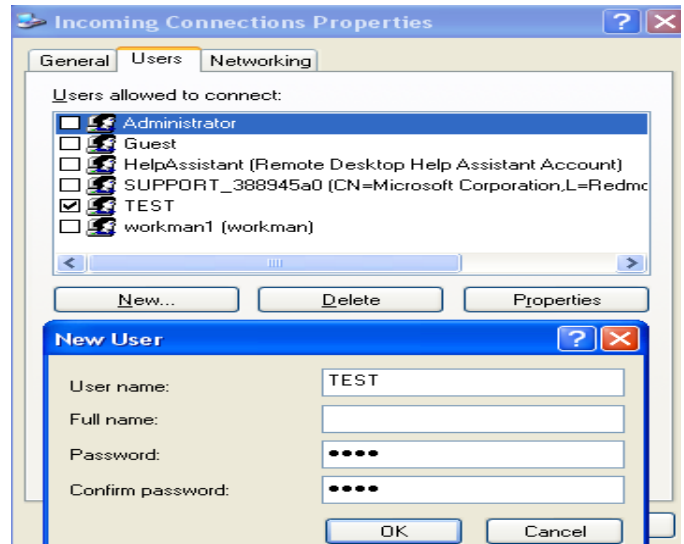
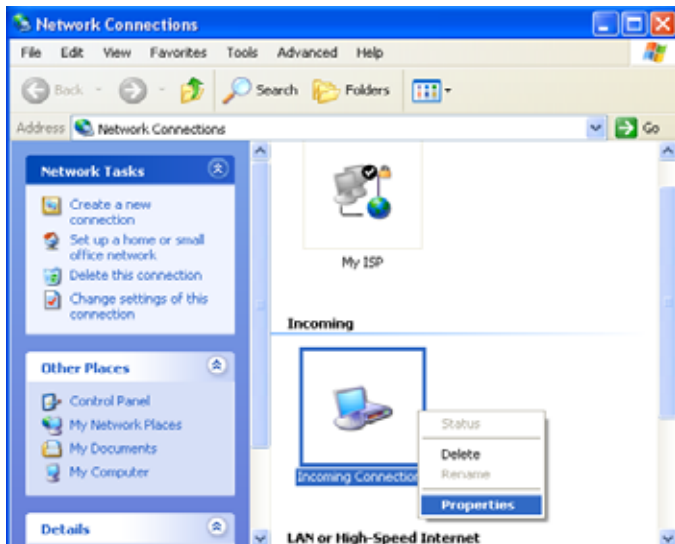
Step 6 : Press " Next " .



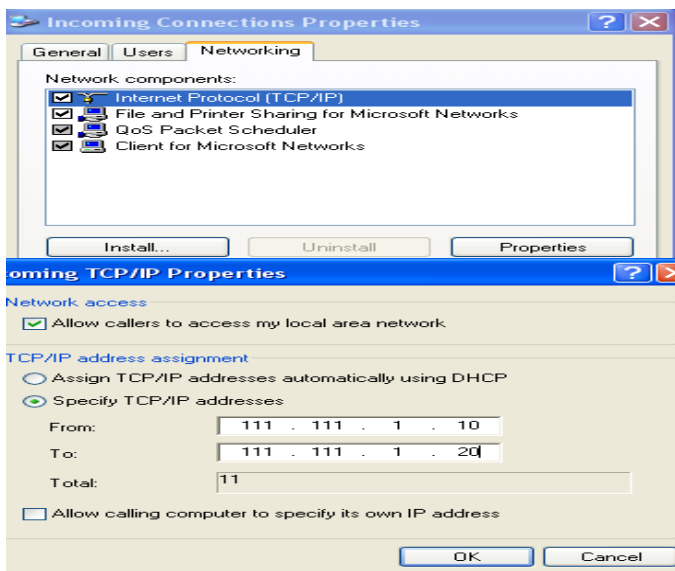
Step 7 : Press " Finish " to complete a new connection.



Step 8 : Please select “ Incoming Connection ” → “ Properties ” →add “ test ” user name and password

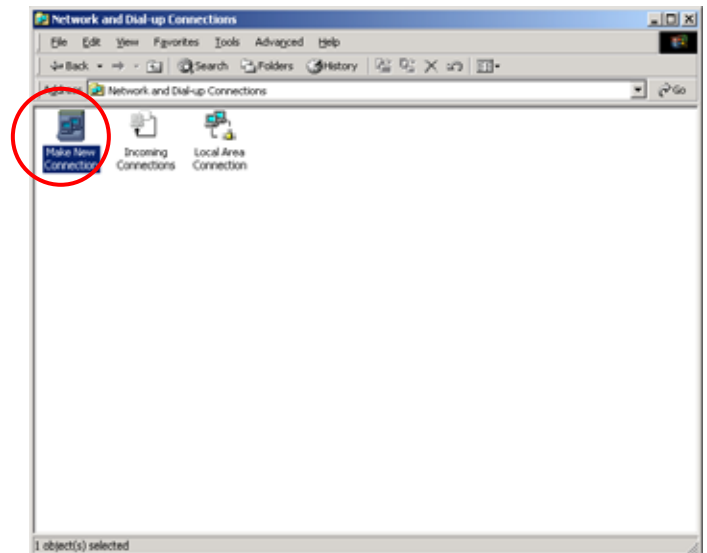
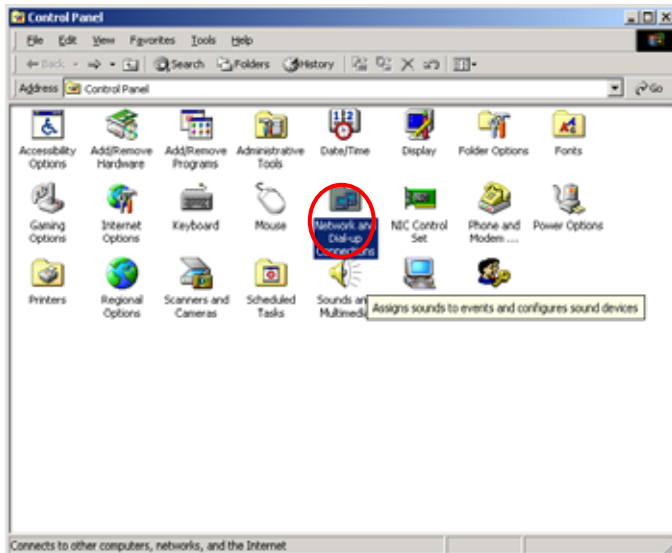


Step 9 : Please fill in the IP address for “ From: ” and “ To: ” at the below picture. The address is for Modem connection.



Set up Modem of Main Site : Create a connection (for Dial-up) :

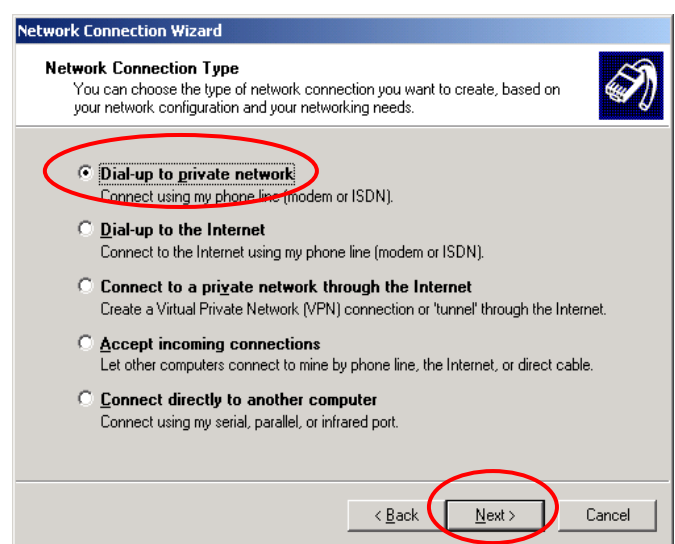
Step 1: Control Panel, pick<Network and Dial-up Connection>, then Make New Connection, see picture below:



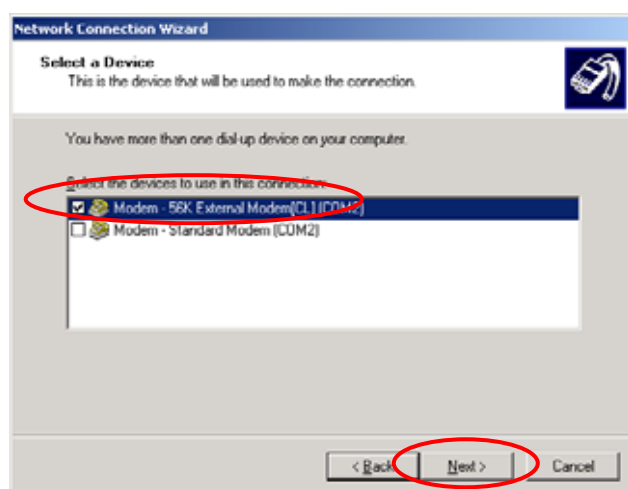
Step 2: Press " Next " .



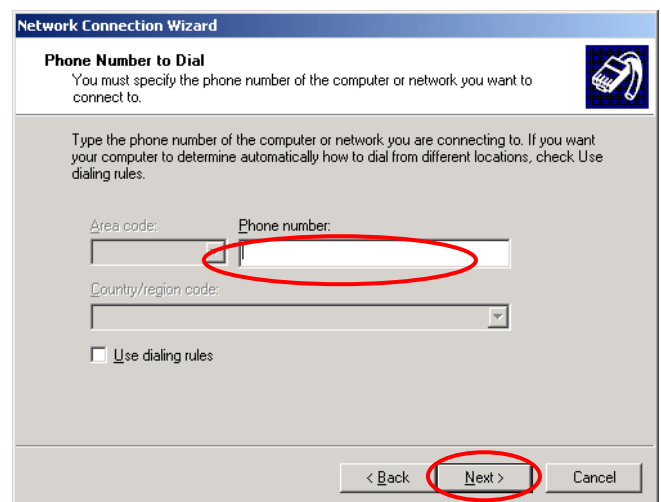
Step 3: Choose<Dial-up to private network>, press " Next " .



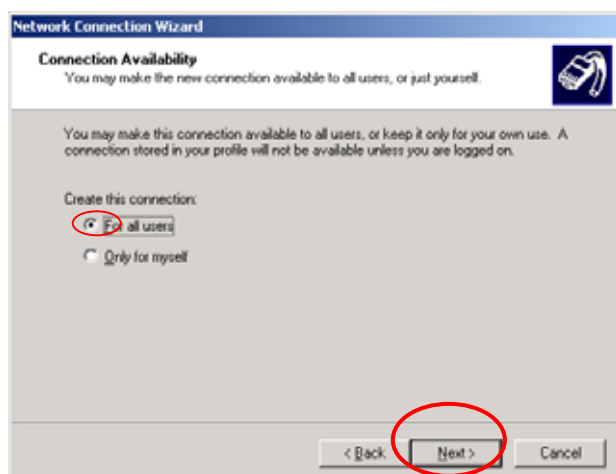
Step 4: Choose Connection devices, press " Next " .



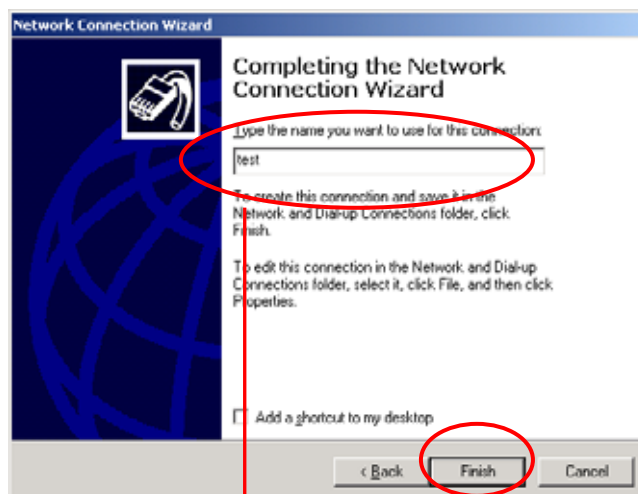
Step 5: Insert Telephone number for connection.



Step 6: Press " Next " .



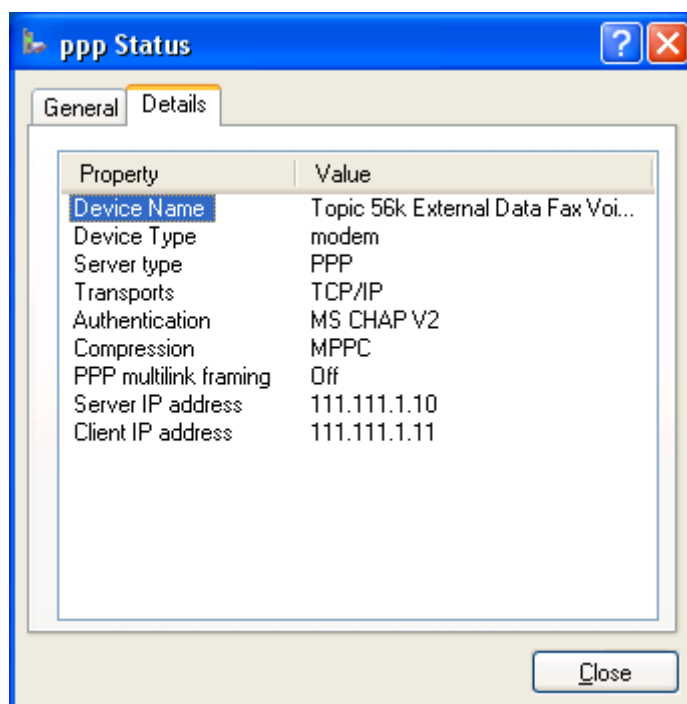
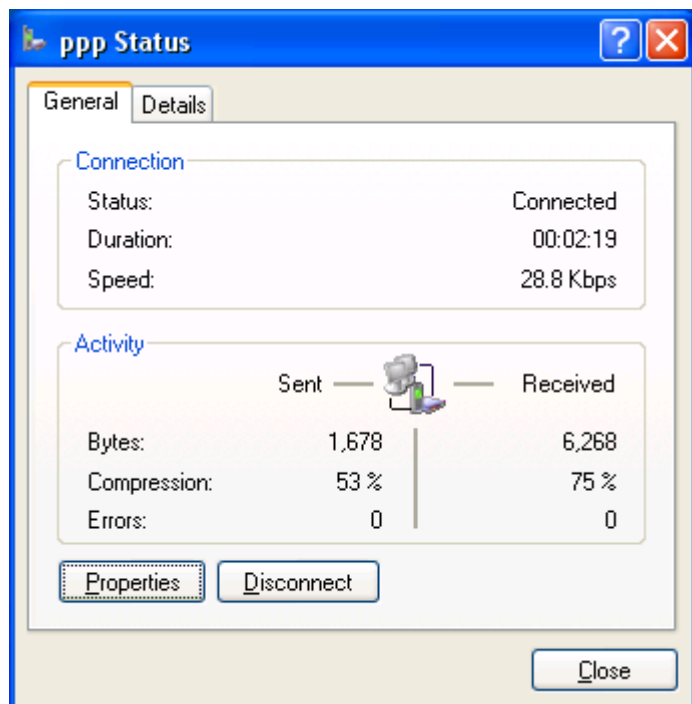
Step 7: Insert the connection name, press " Finish " .



NOTE

The connection name have to be set as same as the Networking Name on Modem settings of Main Site.

Step 8 : You should click " Incoming Connection " icon on " Network and Dial-up Connection " window to start the connection again, take the " Server IP address " from the below right picture, for example, " 111.111.1.10 " , you should use the IP address for connecting.



Net Connection Settings

Q : Why I cannot see any video via Remote Client software? I can sure that's no problem of my internet connection.

A : (1)Please check if any firewall was set at Server or Remote side. If yes, please open port 7000 and TCPIP/UDP Dual in firewall settings.

(2)Please check the Network Connection method both of Server and Remote side. The setting of Network Connection method should be the same. For example: if you use Modem to dial out to ISP at Client side, but Server side doesn't use Modem. It will cause Client cannot connect to Server. Please set the Network Connection Mode to "Modem" at Server side and this problem will be solved.

(3)The correct Network Connection between Remote Client and Security Server is as below:

If remote side use modem to dial out to ISP and want to get connection with Security Server. Please set to "Modem Mode" in Server side's settings(please check here: "Security Server" "System Setup" "Internet Connected Mode")

If Remote side use INTRANET to connect Server Server should set to **INTRANET**(please check here: "Security Server" "System Setup" "Internet Connected Mode").

If Remote side use INTERNET to connect Server Server should set to **INTERNET**(please check here: "Security Server" "System Setup" "Internet Connected Mode").

Q : After I use IE browser to connect Server, why I cannot see any video and it only shows "X" on video window?

A : Please go to the website of Microsoft™ to download JAVA Virtual Machine software, then install into system and reboot PC. The IE viewing needs the software to work well.